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July 1987

CONTRACT

THE BUSINESS MAGAZINE OF COMMERCIAL FURNISHINGS, INTERIOR DESIGN, & ARCHITECTURE


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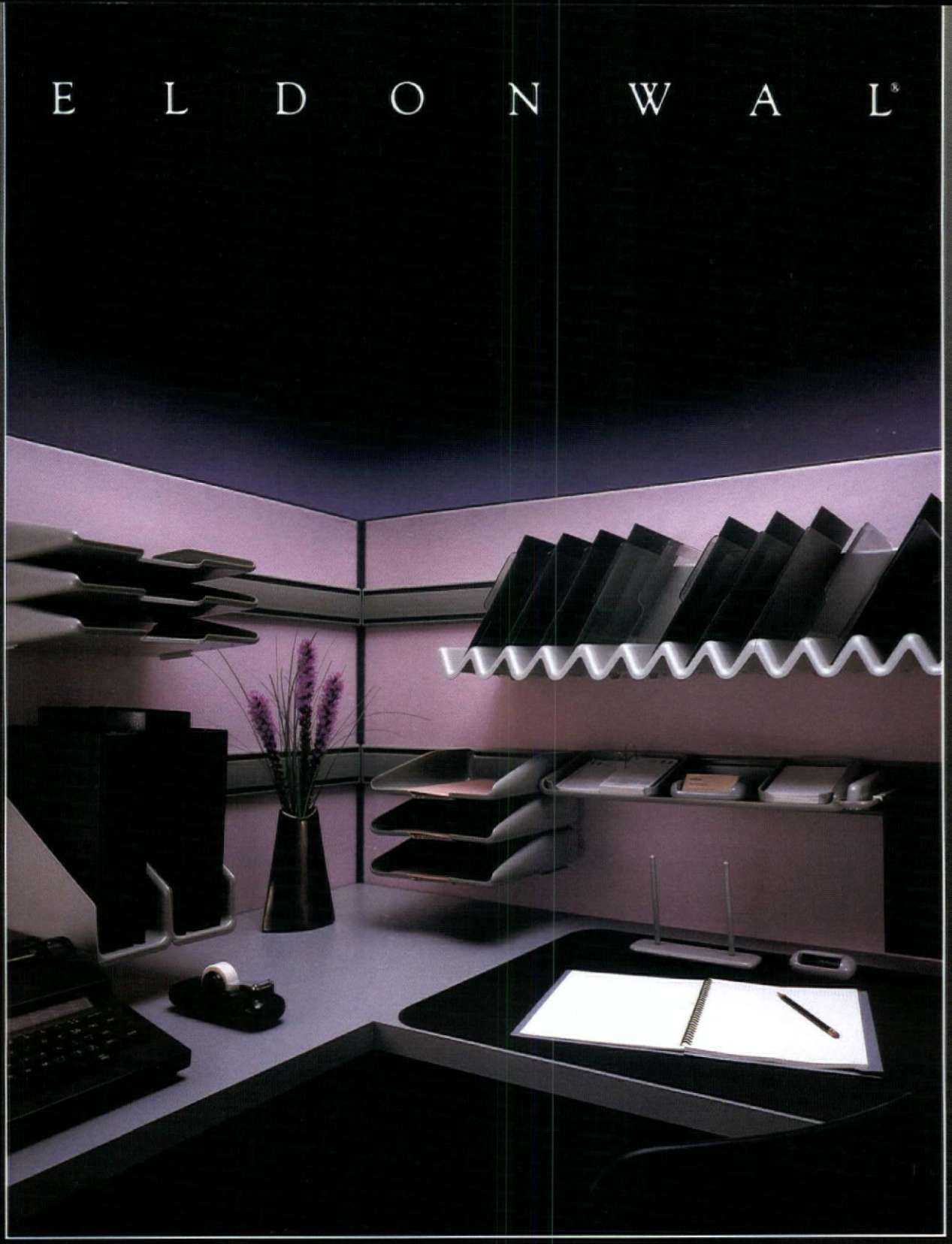
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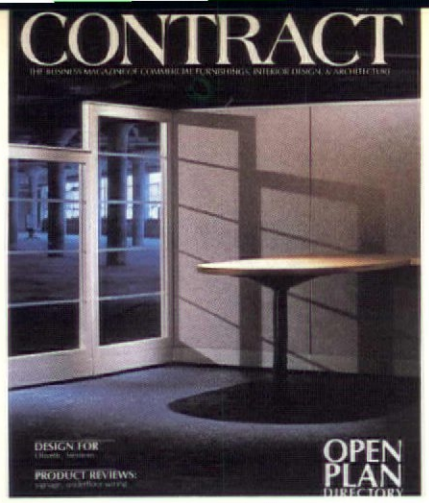
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Cover premieres the new Stratum Panel System by GF Furniture Systems, with photography by William Sharpe. Refer to p. 60 for information on the line and news of GF's new image.

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THE BUSINESS MAGAZINE OF COMMERCIAL FURNISHINGS, INTERIOR DESIGN, & ARCHITECTURE

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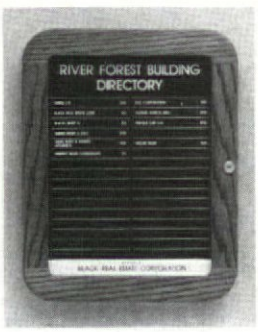
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Volume 29, No. 7

August: Executive Buyer Edition/Commercial Buildings offers bonus circulation to 5,000 facility managers and staff executives of commercial buildings. A new theme covering the relationship of facility managers and architects/interior designers is the result of an exclusive roundtable interview conducted by CONTRACT. The latest introductions for the marketplace in hard-surface laminates will be covered, along with the Computer Support Furniture Directory, as well as the latest innovations in Window Treatment Products and Ceramic Tile Products. There will be a bonus mailing of this issue to more than 350 contract manufacturers representatives for the Sales Rep Help Wanted Section. Issue advertisers qualify for a free Ad-Q Study report measuring ad effectiveness.

September: Executive Buyer Edition/Banks offers bonus circulation to 5,000 presidents and board chairmen at banks and other financial institutions. Issue covers installations which reflect changes in the financial services industry. Bank Furniture & Furnishings Product Review includes executive, traditional, and reproduction furniture. Designer's Saturday Preview is focus of the cover which features official Designer's Saturday logo, along with inside coverage including map and guide listing member showrooms for the October 8-10 New York event. Preview of CONEXION, November 4-6 Atlanta; and of the NOPA Show, October 20-24, Chicago.

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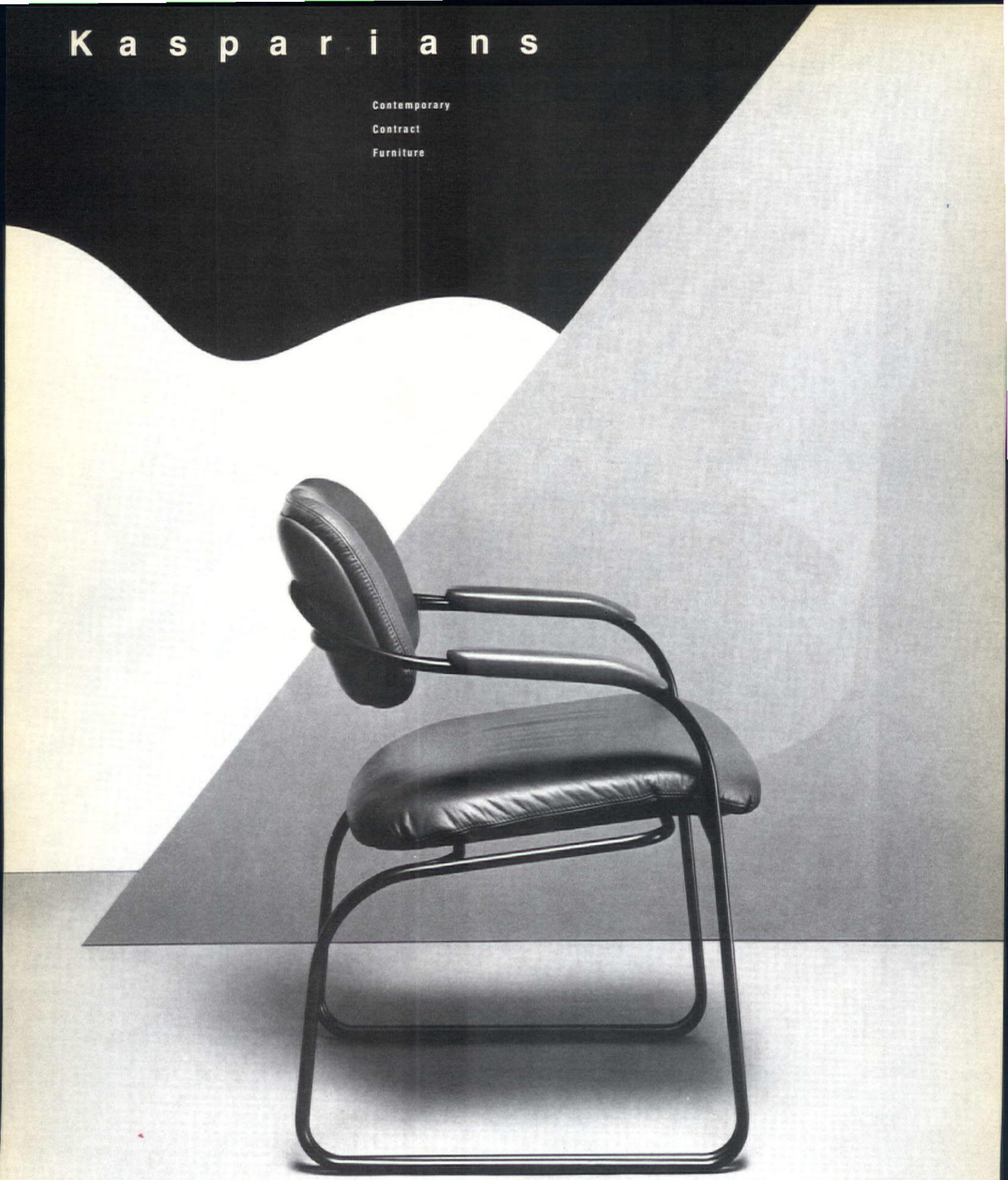
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CONTRACT

COMMENTARY



NEOCON 19: FACING INDUSTRY CHANGE

Build-up to the NEOCON show held last month was filled with rumor and speculation about who was buying whom. But gossip was put to rest on the eve of the show's opening when it was announced that Steelcase was acquiring Brayton International and Beylerian to form a Steelcase Design Partnership (*see our News section, p. 22*).

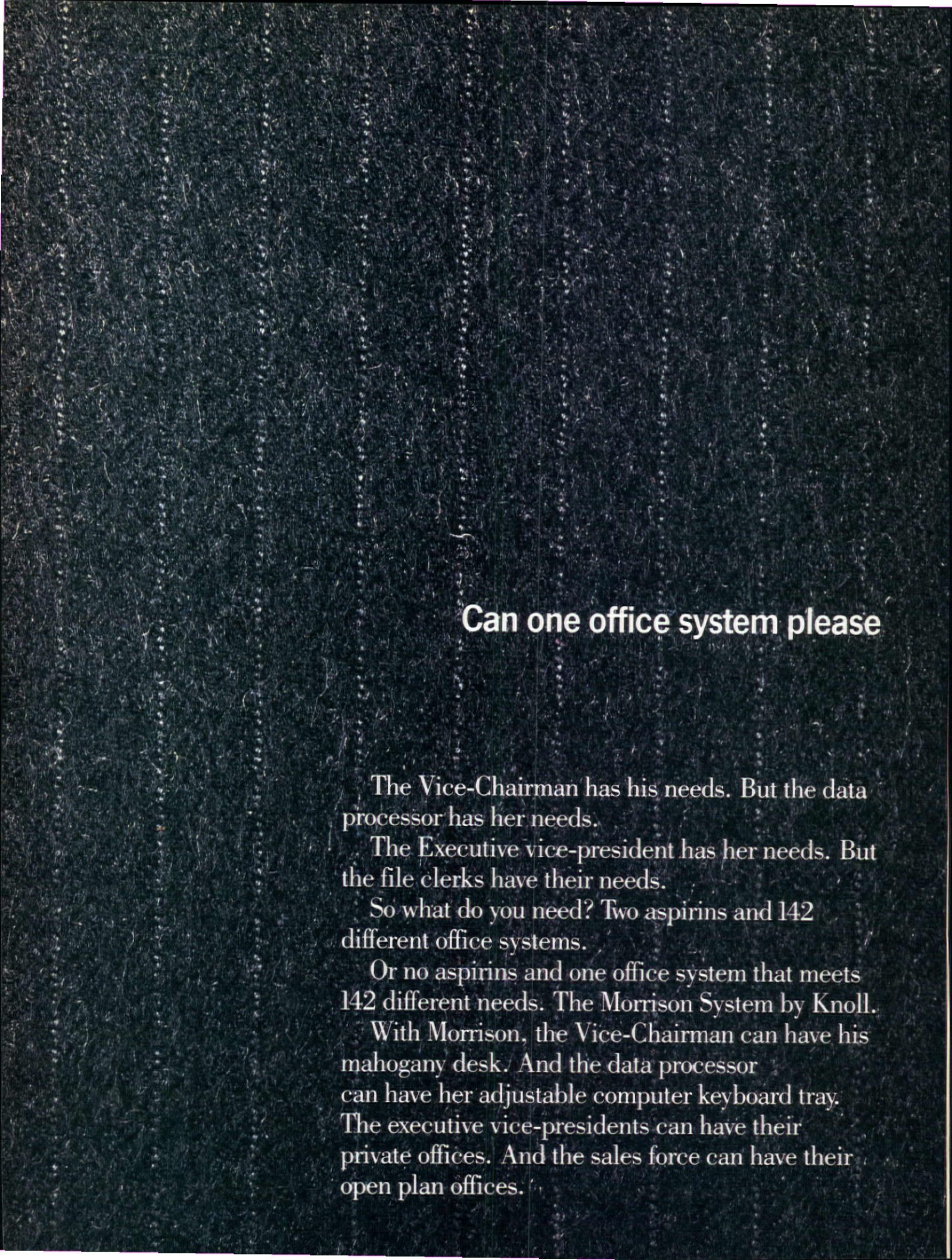
While Steelcase emerged as NEOCON's star buyer and the talk of the show centered on manufacturer consolidation as well as its effect on product distribution, the primary focus of NEOCON was its great array of new product introductions. Key among the latter were lines addressing the need for modular private office components that take their cue from open plan, personalized panel options permitting end-user involvement in creation of the final workstation, and lively color applications in fabric and finishes.

In several showrooms, visitors noted the emergence of interior designers as product creators and promoters, as well as innovative presenters of lines through novel displays. Increasingly, "name" designers seem to work magic upon a product's marketability.

On the final day of the show, BIFMA gave its report on the office design industry, revealing that continued automation, stress upon productivity, and an expanding service-based economy are "positives" for the biggest segment of the contract market. BIFMA forecasts shipments in excess of $7 billion for 1988, ending the show on a note of optimism.

Roberta Walton

Executive Editor



Can one office system please

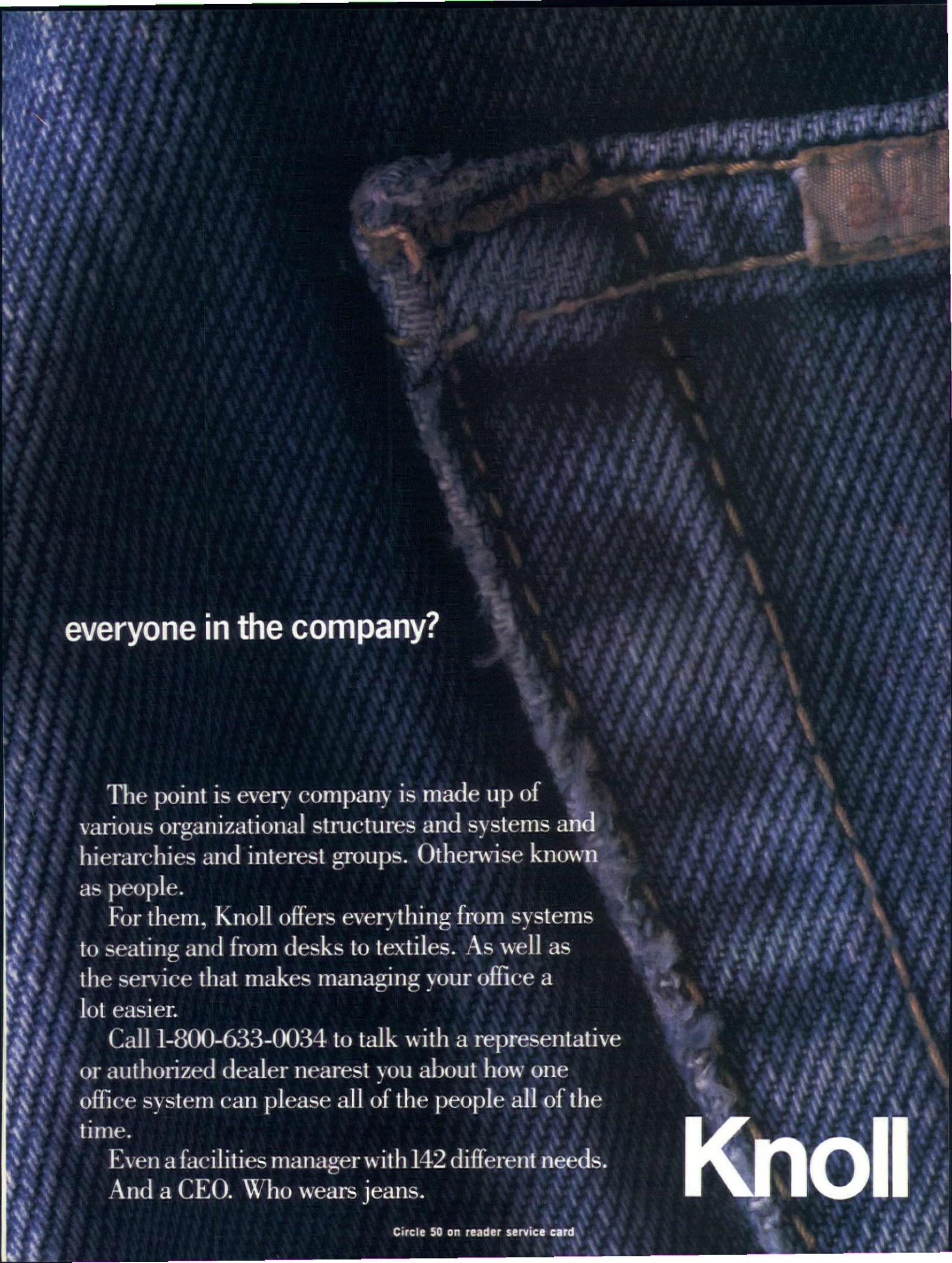
The Vice-Chairman has his needs. But the data processor has her needs.

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So what do you need? Two aspirins and 142 different office systems.

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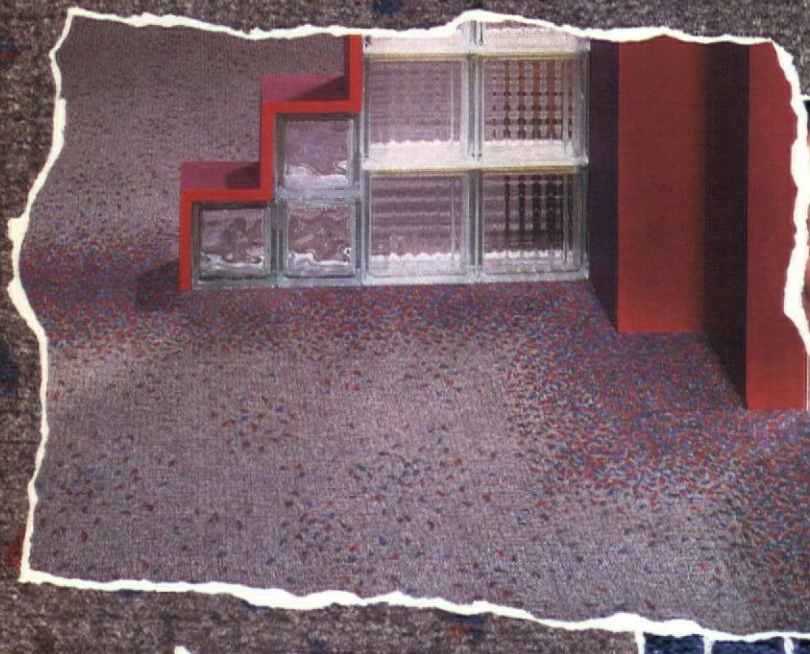
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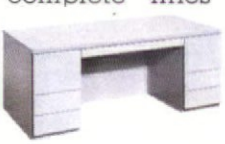


It's a dangerous place. Hacking your way through the thick underbrush of confusing product lines, or facing the gaping jaws of overinflated prices, it seems there's no easy way out.



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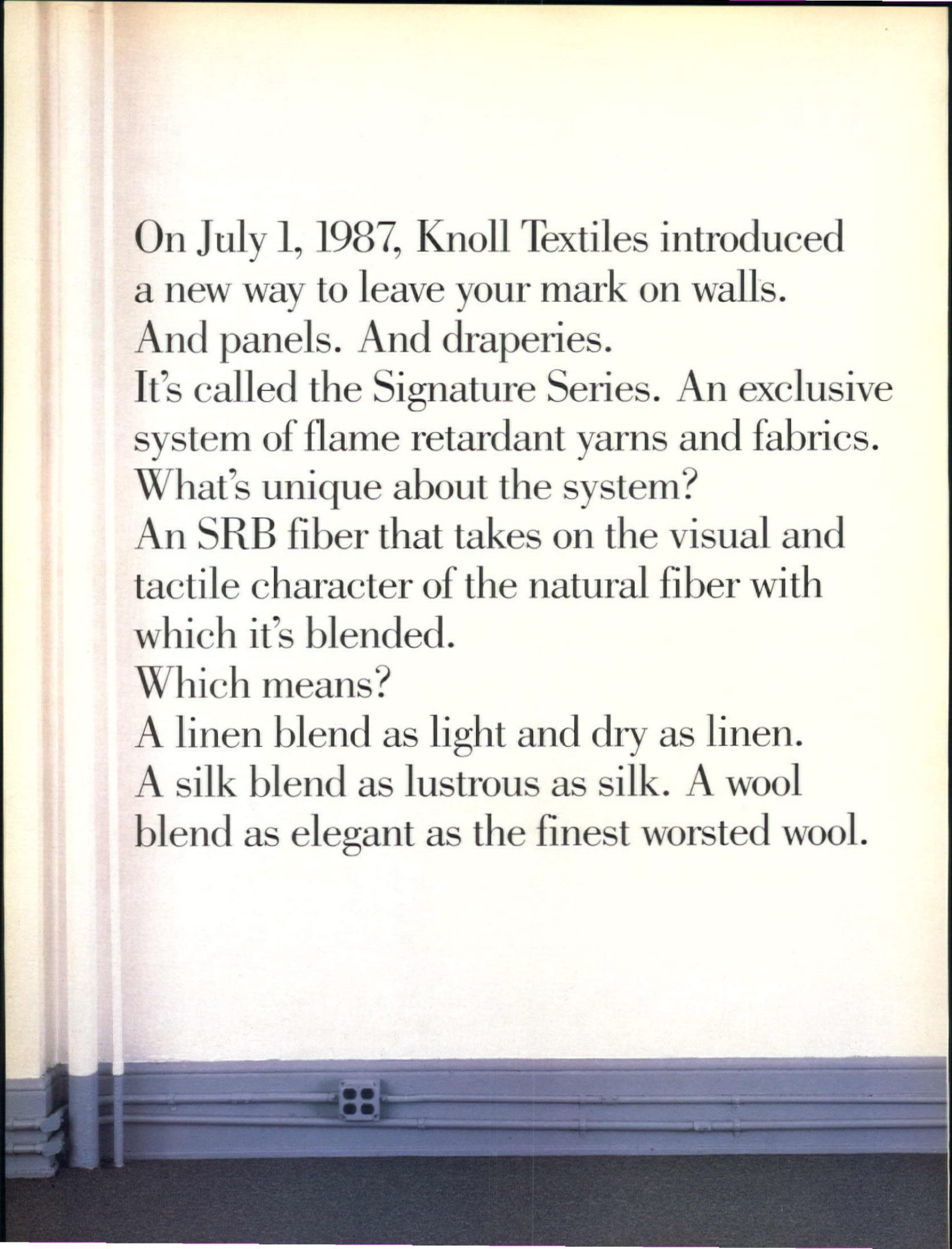
It's called the Signature Series. An exclusive system of flame retardant yarns and fabrics.

What's unique about the system?

An SRB fiber that takes on the visual and tactile character of the natural fiber with which it's blended.

Which means?

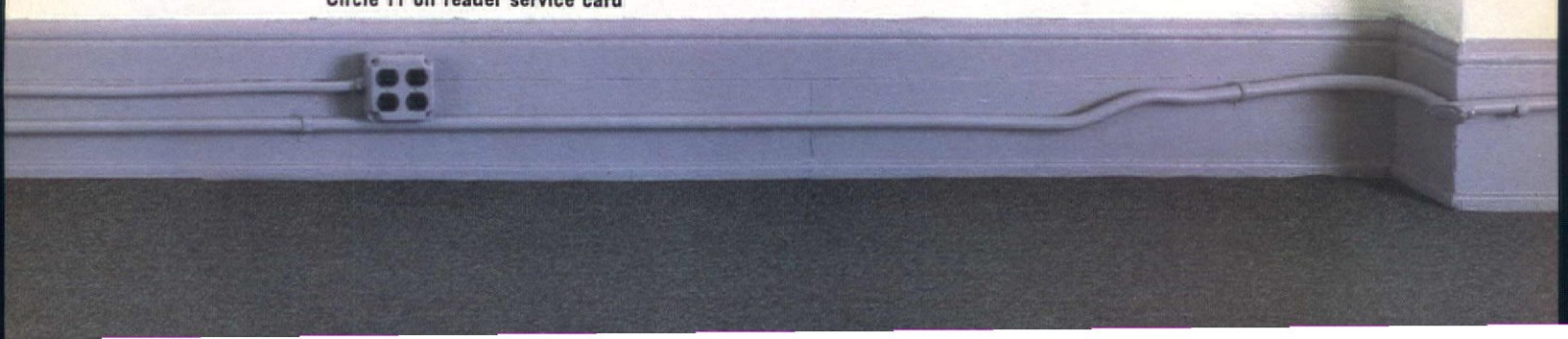
A linen blend as light and dry as linen. A silk blend as lustrous as silk. A wool blend as elegant as the finest worsted wool.



Yet all of them retain their flame resistant quality.
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New September date for Workspace '87 allows West Coast premiere of new products

San Francisco—The new September 1-2 date for Workspace '87 means that NEOCON products, as well as some planned fall introductions, will receive their West Coast preview at the show. More than 8,000 interior designers, architects, facilities managers, corporate executives, and other office professionals will come to the Moscone Center in search of these new office products and services.

Sponsored and recently acquired by the Western Merchandise Mart, the conference will offer attendees 300 exhibit displays from leading manufacturers of state-of-the-art office furnishings, lighting, flooring, fabric/wallcovering, and 20 other product categories, as well as a nationally recognized seminar series.

Challenged by transition

The fifth annual conference and exhibition will focus on the challenges posed by an industry and an economy in transition. This year's keynote speaker, leading economist Lester Thurow, will talk about "Conflict, Survival & Opportunity—The Future of the American Economy." Thurow is Dean of M.I.T.'s Sloan School of Management and author of *Zero Sum Solution: Building a World Class American Economy.*

Another highlight of the 1987 conference will be the return of Mike Vance, one of the most popular speakers at Workspace '86. A former Disney consultant and current president of Vance Design, he will examine the relationship between "Conflict and Creativity."



Conflict, Survival & Opportunity in a Changing Marketplace is the theme of the fifth annual Workspace exhibition and conference for the office environment, September 1-2, Moscone Center, San Francisco.



Thurow *Fallucchi* *Gensler* *Vance*

Other noted speakers include Lawrence Lerner, Chairman Emeritus of Environetics, discussing "Where the Contract Design Industry is Headed," and Arthur Gensler, president, Gensler & Associates/Architects, discussing "The Impact of the Changing Business Climate on Facilities."

Seminars offered during the two-day conference are wide-ranging: "War & Peace: Changing Client/Designer Relationships," a panel discussion moderated by Anne Fallucchi, editor and co-publisher of CONTRACT's sister publication, *Facilities Design & Management*; "Survival by Design: The Future for American Corporations," by Colin Clipson, Professor of Architecture, University of Michigan, and Maureen Sugarman, president, IFMA, Northern California Chapter, among many others.

IBD sponsors Nightspace!

The annual IBD-sponsored Nightspace! party will take place at the Moscone Center, Tuesday, September 1st, from 6:30 p.m. to 10:00 p.m. In addition, The San Francisco Chapter of the International Facility Management Association (IFMA) will host a reception for facilities managers and their colleagues on Tuesday, September 1, 5-6:30 p.m., in the exhibit hall.

On Wednesday, September 2, from 5-7 p.m., The Design and Interior Furnishings Foundation for AIDS (DIFFA), will hold a benefit reception and drawing. At $5 per chance and 12 chances for $50, all are invited to send business cards with tax deductible contribution to DIFFA, Western Merchandise Mart, 1355 Market Street, San Francisco, CA 94103.

A $5,000 cash award for the winning entry in the first annual Work Space Design Competition will be presented in a special ceremony in the exhibit hall on September 1st at 1 p.m. The 1987 design challenge, "Design a Work Space for Young People," has drawn entries from around the world. Judges for the '87 competition include Emilio Ambasz, Masayuki Kurokawa, Bruce Burdick, Robert Harvey, and Jeffrey Osborne.

Discount travel rates

Mart Travel, Workspace '87's official travel coordinator, has put together a program of discount airline and hotel rates, available to all Workspace attendees. Call Mart Travel, 1-800/331-9259 (in the Bay Area, 415/673-6117) and mention your Workspace affiliation.

The conference fee, including all conference sessions for both days, is $150. For further information, contact Workspace, 665 Chestnut Street, San Francisco, CA 94133; 415/776-2111.

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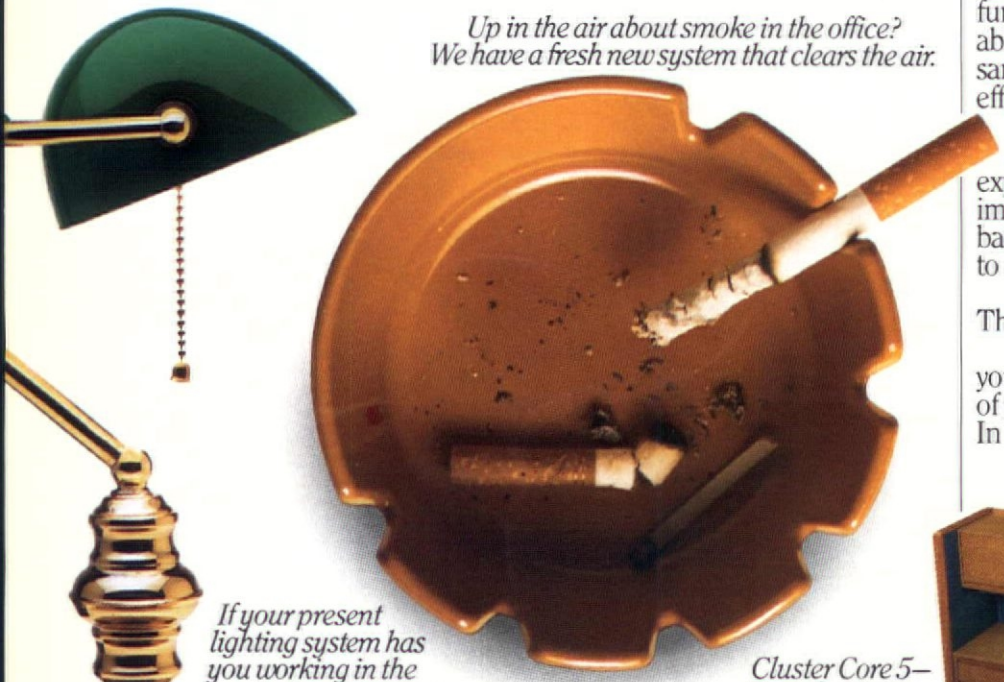
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San Diego Design Center names Lemlein as president

San Diego—A $45-million, 340,000-sq.-ft. complex with showrooms for the wholesale office furnishings/systems and interior decoration industries is planned for the third largest U.S. metropolitan market of San Diego-Riverside-San Bernardino counties in Southern California.

Called the San Diego Design Center, the three-story facility also will introduce an indoor/outdoor furnishings and materials showcase.

Sited on 13 acres just north and east of downtown San Diego and La Jolla, the Design Center—surrounded by acres of tropical gardens—is easily accessible by freeway from all of Orange County.

Leonard A. Lemlein, formerly vice president of project management and director of leasing for the International Design Center, New York, has been named president of the San Diego Center.

Award-winning architect Johannes Van Tilburg has created the architecture and interior design and Gensler & Associates/Architects, will consult on the interior and be responsible for space planning. The Center is expected to open in late 1988.



Architect Johannes Van Tilburg's model for the San Diego Design Center is pictured above. The facility will open in late 1988.

'IBD Network Profile' identifies qualified contract designers

Chicago—The Institute of Business Designers (IBD) presents its inaugural copy of the "IBD Network Profile," a publication developed to provide corporate clients, facility managers, architects, end-users, and manufacturers with a single resource for identifying qualified contract interior designers.

The document is a national directory of the members of the Institute of Business Designers and the firms that employ IBD designers. Included in the profile is the entire IBD membership listing, categorized by region and chapter; 450 design firm profiles categorized by state and city; 40 color pages of design firm presentations; IBD awards and recipients; and membership information.

The publication is available to members and students for $45 and to non-members for $75. Inquiries and orders may be addressed to: IBD, 1155 Merchandise Mart, Chicago, IL 60654; 312/467-1950.

Pan Pacific Lighting Exposition, September 20-22, features 'Business of Lighting' conference

San Francisco—The only event of its kind in the West in 1987, the Pan Pacific Lighting Exposition at the Concourse Exhibition Center, September 20-22, will feature more than 300 booths of the newest lamps, fixtures, controls, ballasts, ceiling systems, and computer lighting applications.

More than 8,000 buyers and specifiers, including contractors, architects, lighting and interior designers, building owners and managers, landscape architects, engineers and facilities managers, are expected to attend the three-day event.

A featured conference on "The Business of Lighting" will be divided into four categories: The interplay of the players (from lighting designer to interior designer, architect, contractor, end-user, and maintenance people); product compatibility: pitfalls and possibilities; Title 24 and what *really* happens when the end user takes over; and custom and commodity product design.

A Pan Pacific Gala will be held Sunday, September 20 in the Showplace Galleria, featuring dinner, dancing, and entertainment.

The conference is sponsored by IES, Golden Gate section, CCAIA, IBD, and the ASID regional chapters. Conference committee members hope to gain ASID and IBD approval for continuing education units for selected portions of the conference.

For conference information, call 415/621-7345.

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Sensor joins Cooper-Hewitt

New York—Sensor, a line of office seating manufactured by Steelcase Inc., has been accepted into the permanent Decorative Arts Collection of the Cooper-Hewitt Museum in New York.

Sensor's ergonomic design is the result of three years of collaboration between the Grand Rapids-based office furniture manufacturer and a West German industrial designer, Wolfgang Muller-Deisig.

The chair features a one-piece inner flexible shell that allows the chair to move with the body while providing maximum back support.



Steelcase's Sensor chair has been accepted into Cooper/Hewitt Museum's collection, New York.

San Francisco Summer Market '87 focuses on magic of design

San Francisco—The Western Merchandise Mart will host Summer Market '87, July 21-22, focusing on the magic of today's design. The two-day event will include new product introductions in floorcoverings, furniture, and accessories, an exciting All-Industry Gala, and in-showroom activities targeted to Western regional contract and residential designers.

The keynote speaker will be noted architect Michael Graves, who will discuss "The Process of Design," focusing on the articulation of the problem as the key to the design process, and how methods for developing the solution draw from the designer's ability to create magic. His presentation is scheduled for Tuesday, July 21, 8:30 a.m. in the Mart Exchange of the complex.

Anthony Machado, one of Los Angeles' most innovative interior designers, will explore "The Need for Magic in Today's Restaurant Designs" at a noontime luncheon presentation on Tuesday, July 21.

On Wednesday, July 22, a presentation on "Special Effects Design and How it Relates to Interior and Product Design" is the subject to be addressed by two designers from George Lucas' Industrial Light and Magic firm.

The festive highlight for the event is the All-Industry Gala, Sunday, July 19 in the lobby of Mart 1.

Neville Lewis is acquired by PHH

New York—Neville Lewis Associates, has been acquired by PHH, a Fortune 100 service company. The company, which earlier this year acquired Interspace, Avenue, and Walker Associates now becomes the second largest design company in the United States.

PHH has, over its 40-year history, been among the leading providers of business services in each of its operations with a client base of over 2,500 firms.

Steelcase acquires Brayton, Vecta takes on Beylerian line

Chicago—Steelcase announced the acquisition of Brayton International Inc. and the formation of a new group of design-oriented firms which will operate with Steelcase sponsorship.

Announced at NEOCON, the new group, called the Steelcase Design Partnership, will include Brayton and two other firms in the Steelcase family—Vecta and Metropolitan Furniture Co. Vecta recently announced the addition of the Beylerian Collection to the Vecta line. George Beylerian joins Vecta as a vice president and marketing consultant based in New York City.

The design group will be headed by L. Paul Brayton, founder and president, Brayton International. The heads of each member company will report to Brayton.

Notes Robert C. Pew, Steelcase chairman and chief executive officer, "Each member firm of the Design Partnership has established itself as a high-design, quality company. Many produce leading-edge products. They stimulate the industry and make all of us strive for even greater design achievement. We think that is vital to the growth and well-being of the entire contract industry and want to support it in the best way possible."



Paul Brayton will head up the new Steelcase Design Partnership, composed of Vecta, Brayton International, and Metropolitan Furniture.

Paul Brayton comments, "I've been in this business for 23 years and I recognize Steelcase's excellence. What all of this means is that design professionals will have one source and also many sources. There will be new levels of confidence about design quality and manufacturer reliability. We seek the ultimate balance between design collaboration and autonomy."

Each member company within the new group will continue to operate autonomously under current management. Each will maintain its existing business operation as it relates to dealers, sales forces, product lines.

According to Pew, additional firms will be incorporated into the Design Partnership group "as it makes sense to do so."

Brayton International, High Point, N.C., was founded in 1973.

ASID awards grant to NCIDQ

New York—The Board of Directors of the American Society of Interior Designers (ASID) voted unanimously to approve an $85,000 grant to the National Council for Interior Design Qualification (NCIDQ). The grant will support NCIDQ activities related to its qualifying examination for interior designers.

"The grant demonstrates ASID's commitment to the work of NCIDQ," says National President Joy E. Adcock, FASID, "While successful completion of the NCIDQ exam has been a criterion for professional membership in the ASID since 1975, the role of the qualifying exam has become even more significant as licensing becomes reality in more and more states across the nation."

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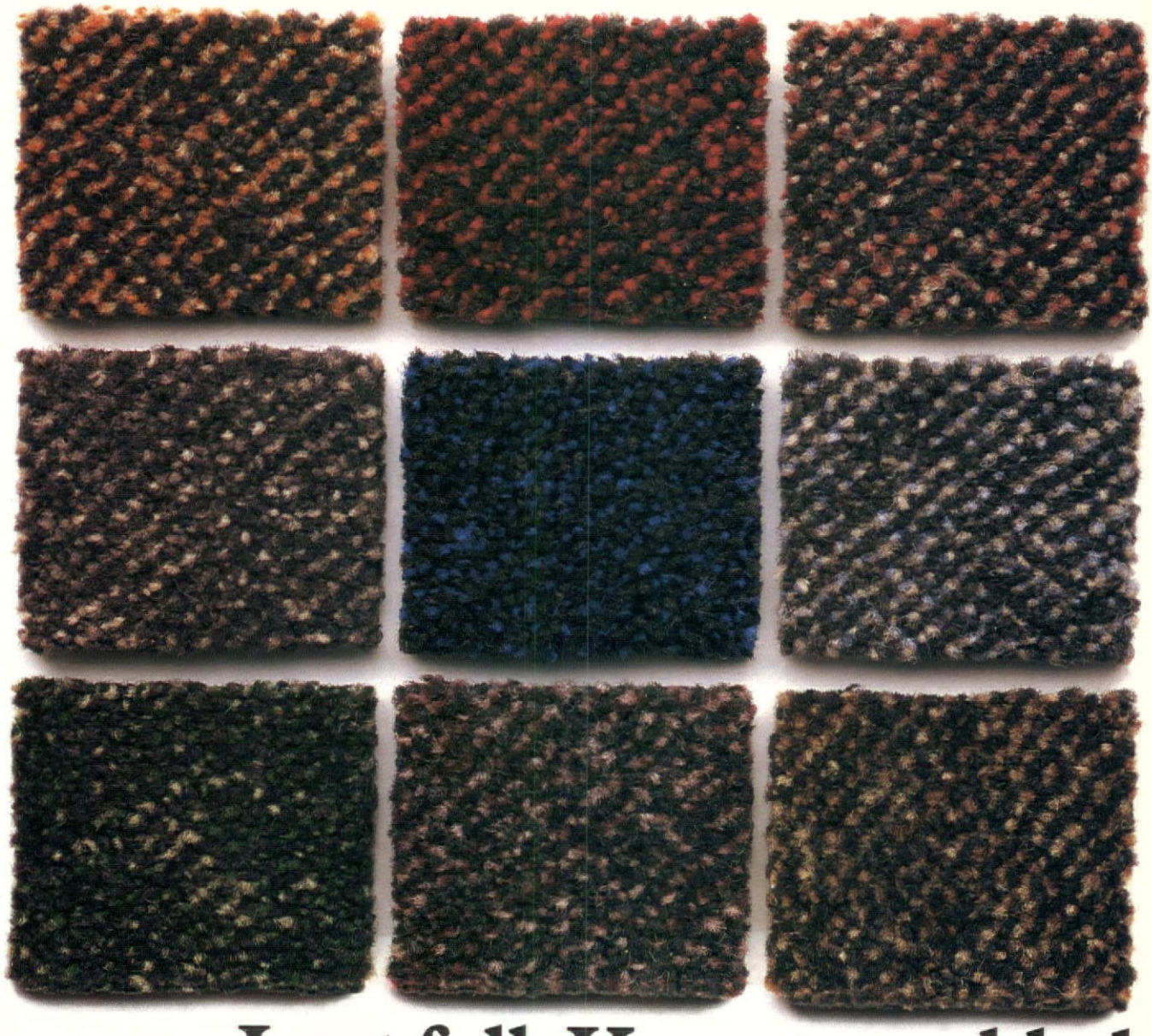
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Naugahyde/ CONTRACT call designers to enter contest

Mishawaka, Ind.—Naugahyde Brand Fabric, produced by Uniroyal Plastics Co., and CONTRACT Magazine continue their call for entries to the "Creative Visions" design contest in which Naugahyde is specified for use in a contract environment. Evaluating whatever techniques or media that best express interior design creativity, the competition will award a grand prize valued at $1,500, and honorable mentions for designs that "soar on the wings of your imagination—unfettered by technical or budgetary limitations," as the slogan states.

Winner entries will appear in full color in January 1988 CONTRACT. Designers must specify Naugahyde in their "Creative Visions" entry. No entry fee is required, but entries must be received by October 5. Judging will take place October 14 in New York.

Applications may be obtained by competition coordinator Michele Zelman, Gibbs & Soell, Inc., 126 East 38th St., New York, NY 10016; 212/481-4488. Naugahyde samples are available from Zelman, or Fred Belyea, Uniroyal, Inc., 312 N. Hill St., Mishawaka, IN 46544; 219/256-8443.

Lighting associations sponsor Nuckolls fund

New York—Provisions are being made to endow a chair of lighting design in honor of James Nuckolls, lighting designer, lecturer, author, and teacher, who is seriously ill. Lesley Wheel, chairperson, James Nuckolls Fund for the Education of the Lighting Professional, is asking members of the lighting design community to contribute in order to continue Nuckolls efforts in lighting education.

Wheel estimates that half a million dollars is needed to endow the chair and have a program in place by the fall. Contributions can be made to the James Nuckolls Fund IES-Lighting Research and Education Fund and mailed to the Illuminating Engineering Society, 345 East 47th St., New York, NY 10017.



A scene from episode two, "The Workplace," one of five parts in the PBS series jointly sponsored by Haworth and airing September 28.

Haworth sponsors PBS series in fall

Holland, Mich.—Haworth is one of five sponsors of a PBS series, "America By Design," scheduled to air September 28 and covering American architecture and design. The series is made possible by additional funding from the National Endowment for the Arts, American Institute of Architects, Andrew W. Mellon Foundation, Corporation for Public Broadcasting, and the Public Broadcasting Service.

Part two of the series explores the workplace, from rural farm beginnings to the rise of manufacturing. It is co-produced by Guggenheim Productions and WTTW, Chicago.

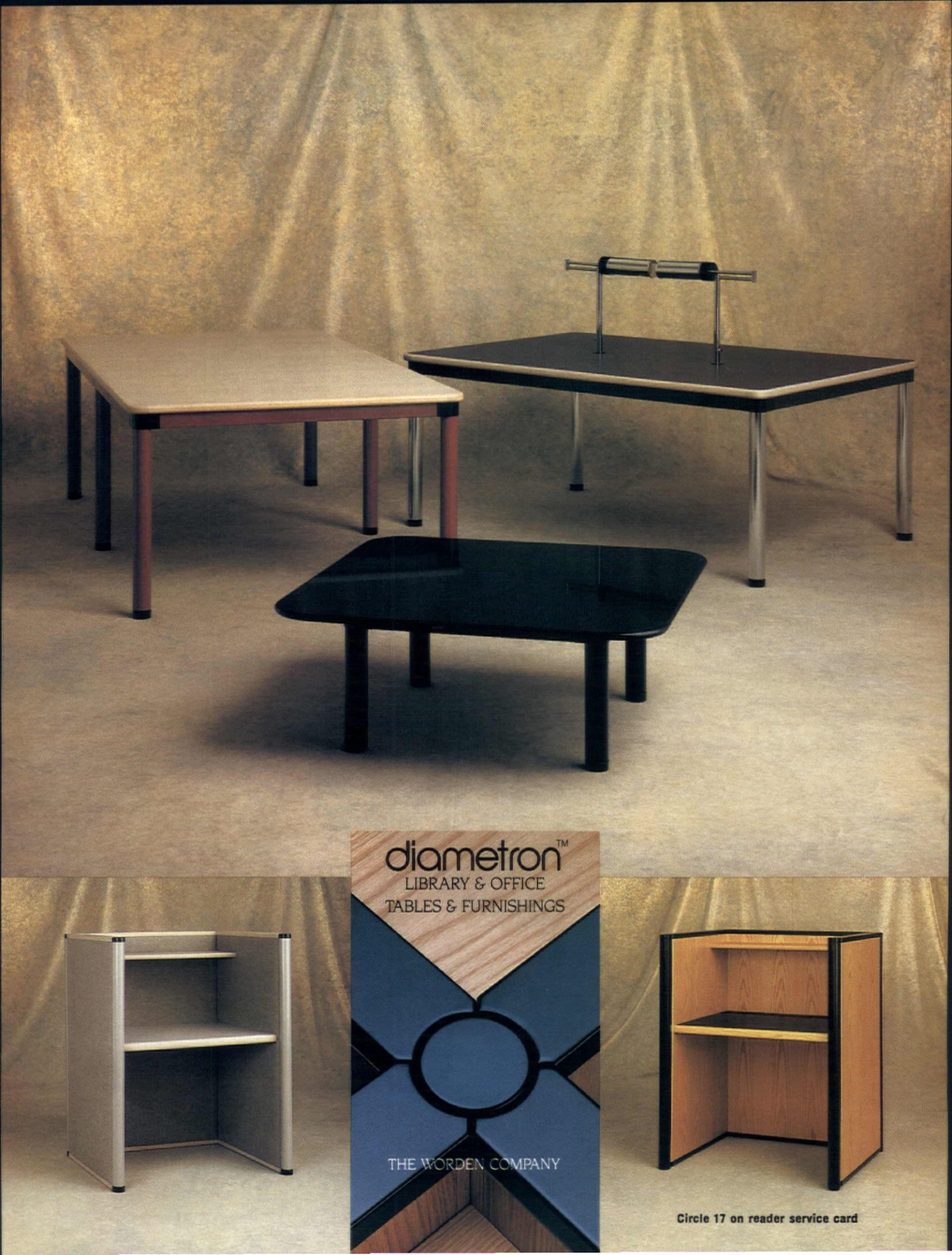
New Showrooms: Boston Design Center reaps contract leases

Six contract firms have recently signed leases with the **Boston Design Center (BDC)** including **Corry Hiebert,** 2,896 sq. ft.; **Supreme Equipment,** 1,775 sq. ft.; **S.M.E.D. Manufacturing,** 3,068 sq. ft.; **American Seating,** 3,000 sq. ft.; **United Chair,** 2,479 sq. ft.; and **Kerwin Associates,** 1,765 sq. ft. . . . The **Design Center of the Americas (DCOTA),** Dania, Fla., saw the opening of **Jack Lenor Larsen's** 3,300-sq.-ft. showroom . . . **Larsen** also opened a 3,400-sq.-ft. showroom in the **Atlanta Decorative Arts Center (ADAC)** in March . . . **F. Schumacher Co.** doubled its square footage to 5,700 sq. ft. at the **ADAC** in a new fifth floor showroom . . . **SieMatic Corp.** premiered a new showroom in suite 408, **ADAC** in May . . . **Brueton Industries** has signed an 8,800-sq.-ft. flagship showroom at Center Two of the **International Design Center of New York (IDCNY)** to be designed by Stanley Jay Friedman . . . **Artopex U.S. Inc.** has signed a lease for a 2,500-sq.-ft. showroom at the **Architects and Design (A&D) Building,** New York City . . . **Pouliot Designs Corp.** opened a new showroom at the **Chicago Merchandise Mart** in Space 15-103 during NEOCON . . . **Tile International,** ceramic tile, marble, and granite importer opened a showroom and warehouse distribution center in Channel Plaza, Portsmouth, NH . . . **Pleion Corp.,** manufacturer of modular office furniture opened an office furniture showroom at its corporate headquarters in Santa Ana, Calif. . . . During WestWeek, **IPF International** opened a showroom at 8672 Melrose Ave. across from the **Pacific Design Center (PDC)** Los Angeles . . . **Charles Moore Associates** will serve as showroom/sales reps. in Chicago for **Import Specialists Inc.** in the 406 North Clark showroom . . . **Bright Chair, Danese, Domus Italia, Estel, IPI, Niedermaier, Palazzetti, Reff, and Scali Durante** lines will be represented in San Francisco's Bay Area by **Logia International,** which has opened its doors to the trade. **....Girsberger Industries, Inc.** opened a 1,500-sq.-ft. showroom in Center One, IDCNY, designed by **Gueron Associates,** New York...**Poltranova's** showroom, designed by Lella and Massimo Vignelli, opened in Center Two, IDCNY in April.

ACT presents first Contract Textiles Fair

Long Island City—The Association for Contract Textiles, Inc. (ACT) will present the first National Contract Textiles Fair on September 29 at the International Design Center New York (IDCNY). Beginning at noon, the fair will feature upcoming product displays from 30 national ACT member firms, as well as three seminars moderated by editors from six design publications. Seminar panelists will be designers and executives from ACT member firms.

For more information, contact Marilyn Rommeney, 914/365-1100.



Circle 17 on reader service card

Boston Design Center hosts market; Rodin's "Cybele" graces plaza entrance

Boston—Design Week Boston, the Boston Design Center's (BDC) first annual event, offered a host of impressive speakers, exhibits, and seminars in mid-May. Contract showrooms, designated to occupy the sixth, seventh, and eighth floors, are just beginning to open, and six contract companies have just signed leases (see "New Showrooms").

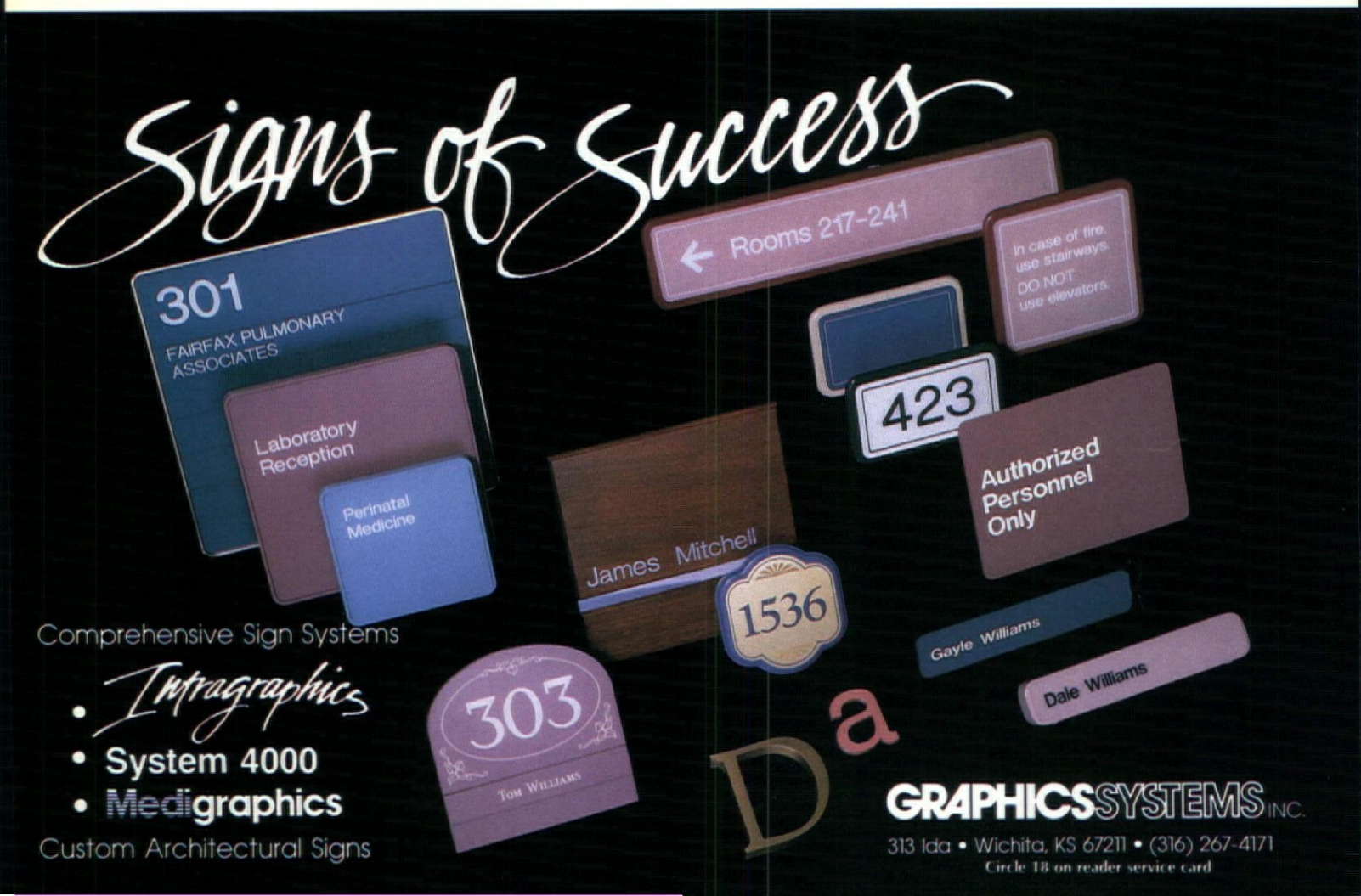
Crowded showrooms only saw traffic diminish when widely-recognized members of the design industry spoke in the first floor seminar room. Speakers included John Saladino, ASID, designer; Carlton Wagner, color researcher; Muriel Chess, editor, *Professional Office Design* magazine; Orlando Diaz-Azcuy, recipient 1986 CONTRACT/IBD Best of Competition Award for Hickory Business Furniture chairs; Stanley Tigerman, Chicago architect; and Michael Vance, keynote speaker.

One striking element of the BDC greets visitors upon entry at the 126-sq. ft. plaza where Auguste Rodin's bronze statue "Cybele", a headless, left-armless woman, is installed. The twice life-size original piece is the fifth casting from the plaster model sculpted by Rodin around 1889. "Cybele" was part of a group which evolved after the artist was commissioned by the French government to create a door for the Musee des Arts Decoratifs, with a series of bas reliefs representing scenes from Dante's "Divine Comedy." It was never built, and Rodin died in 1917, willing all his work to France, and giving the right for 12 casts of every work he created to be made. The BDC cast was made under the terms of that will and was cast under the supervision of the Musee Rodin in 1985.

Some 1,800 guests attended the BDC's market event, and 45 in-showroom speakers were present. The BDC, a resource center for New England's design trade, was co-developed by the Dallas Market Center and Richard A. Flier Interests, Boston. It is located in the Economic Development and Industrial Commission's (EDIC) Boston Marine Industrial Park in the 600-block of Summer Street.



"Cybele", Auguste Rodin's bronze sculpture, symbolizes the spirit of the Boston Design Center as she greets visitors in the plaza.





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Feltmans establish lighting endowment

New York—The first endowed chair in lighting design in North America will be established at the Cooper Union for the Advancement of Science and Art, and will be known as The Feltman Chair in Lighting Design, named after Sidney Feltman, an industry leader, and a former vice president of Lightolier, Inc. It will be funded by an endowment created by Ellen and Sidney Feltman.

The Feltman Professor of Lighting Design will be a distinguished practitioner of lighting design. The holder of the chair will serve as an interdisciplinary resource at Cooper Union's Schools of Art, Architecture, and Engineering. The chair position is co-sponsored by the Lighting Research and Education Fund (LREF) of the Illuminating Engineering Society (IES), and The Cooper Union. When fully funded, the endowment will be valued at about one million dollars.

"Successful lighting designers need the ability to analyze problems and listen carefully to clients in order to create an environment in which people want to live and work. Students who have this ability can do very well in what is truly a growth field," says Feltman, commenting on the chair's creation.

Feltman has been a leader in the lighting community for nearly seven decades, and has devoted more than 30 years to training men and women for careers in the lighting industry.

Errata
NEOCON Updates

- Hickory Business Furniture should have been listed on Floor 9, Space 909, and not on Floor 10 of the Merchandise Mart as indicated in CONTRACT's May issue.
- Herman Miller's NEOCON introduction, a desk series designed by Tom Newhouse, was inadvertently omitted from the May issue NEOCON products preview, for Floor 9, Space 920.

AFD Contract donates $10,000 to DIFFA



New York—*AFD Contract Furniture Inc. CEO Samuel Aarons (left) presents a $10,000 check as a donation to the DIFFA Chairman of the Board Larry Pond. AFD Contract sponsored the benefit reception which kicked-off IDC-NY's "Ultimate Warehouse Sale," a fund-raising event for DIFFA.*



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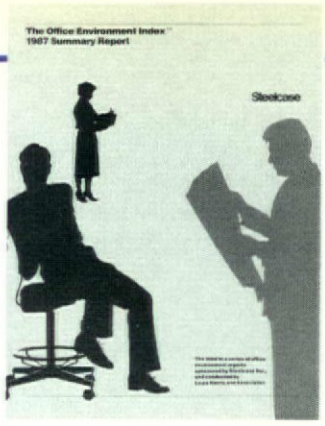
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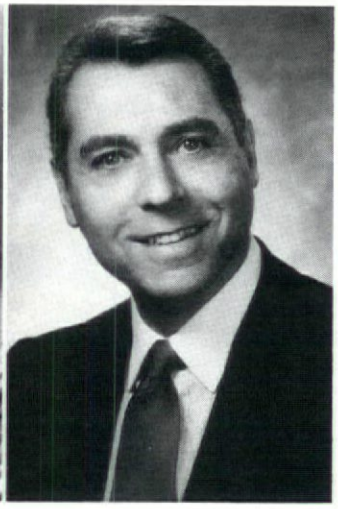
'Employees question quality of American work-life' says latest Steelcase Office Survey

Despite expression of basic satisfaction with present office jobs, employees are less optimistic than in the past about the quality of American work-life, according to Steelcase's fourth industry study, titled "The 1987 Office Environment Index." Conducted by noted pollster Louis Harris & Associates, the survey reveals that "Office worker job expectations are largely unfulfilled and this may be contributing to decreased satisfaction with work-life today."

"Just as important as good pay and benefits to workers," says Louis Harris, president of the national polling organization, "are increasing desires for 'intangibles' such as participation, contribution, and challenge." The study is the third in a series of office environment reports sponsored by Steelcase, Inc. in the public interest. It involves a sample of 1,000 full-time office workers in the U.S. who were screened from a national cross-section of the entire U.S. adult population to yield office workers 18 years of age or older employed full-time in an office with 25 or more employees. A smaller sample of 250 office workers in Canada was screened as well, with significant differences noted between Canadian and U.S. participants. Additionally, 150 senior executives (CEOs or their designees) were drawn from the Dun & Bradstreet list of organizations employing 1,500 or more persons nationwide. One hundred fifty facilites managers, a representative sample, were also surveyed as part of the comprehensive study.



Just as important as good pay and benefits to workers are increasing desires for 'intangibles' such as participation, contribution, and challenge."—Harris



"There is an intense need for designers, facility managers, architects, and end-users to know how employee perceptions and office design are changing."—Cooper

While introducing Louis Harris at a conference held in New York City recently to outline the significant findings of the survey, Howard Cooper, senior vice president marketing & product development for Steelcase, noted, "The needs of workers are changing so fast that corporation managements are hard-pressed to know how to meet those needs . . . There is an intense need for designers, facility managers, architects, and end-users to know how employee perceptions and office design are changing, which is the reason for Steelcase joining hands with Louis Harris Associates in the development of this latest survey."

Other major findings and trends uncovered in the survey include the voicing of new priorities by office workers. While previous studies uncovered a strong relationship between physical comfort and productivity, the current study finds that issues such as participation, contribution, and challenge now mean more to workers than workspace and design issues. That is evidence of a significant shift in the needs and desires of office workers. According to the survey, top executives, facilities managers, and interior designers seem unaware of this shift.

Worker needs changing

"Although office workers are still satisfied with their jobs (as they were in prior studies), their expectations have risen," explains the survey, "creating a gap between what they want from and what they get from work."

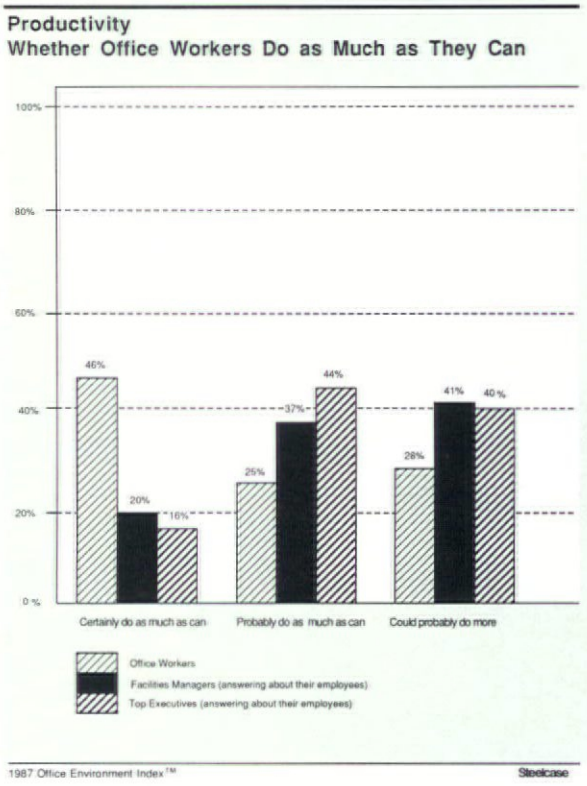
Productivity potential is an area that divides office workers from executives, according to the survey's findings. "Office workers," it says, "are exhibiting a reduced ability—or desire—to increase their work output. A significantly larger percentage of workers than responded six and eight years ago feels unable to do more work, even with a more comfortable office. Executives, on the other hand, still see room for improvement by their employees."

Facilities managers and design professionals, the study continues, emerge as a distinct group with opinions that differ from those of both top management and office workers. They are most concerned with productivity and physical layout. Their views contrast with those of office workers, who are already somewhat satisfied in these areas, but appear to have new priorities.

Mirroring the rest of the economy, "computers are in," smoking is out, says the survey. Fully two-thirds of workers use a PC or terminal and nearly half of executives report that they have one in their offices. Office workers are less likely to smoke in their work areas and are more likely to say that smoking in the workplace should be restricted. Privacy, too, has reared its head again as an issue. It has become a major concern to workers who spend a great deal of time at work.

Cooper notes that by providing answers to questions on what office workers want, Steelcase is building a better understanding of the current office environment among companies. "That understanding helps





users create more efficient and effective workplaces," he says, pointing out that because the office environment is in a continuous state of change, Steelcase has established the Index as an ongoing series designed to monitor trends and identify significant developments.

Harris elaborates that employee attitudes and values have shifted considerably in the past eight years. He says that on the whole, workers tend to be satisfied with their jobs, but they perceive less improvement in the quality of working life over the past eight years than they did in the 1978 survey. "Workers are less likely to associate doing a good job with getting the reward they want out of life," says Harris.

As stated before, the survey reveals that office workers attach great importance to "intangible" values at work, such as the need to participate and have challenges, particularly when compared to the importance of physical environment issues. About as important to office workers as good pay and benefits are a challenging job, the opportunity to contribute signficantly to the company, and information-sharing, the study notes. While the importance of many of these office characteristics to workers has increased since the 1978 survey, their occurrence has not, with a resultant growing gap between what workers say they want from work and what they actually experience on the job.

Fewer workers cite quality

Harris points out that office workers today are far less likely to say that the quality of working life has improved. While 70 percent of office workers saw improvement in 1978, only 56 percent say working life has improved today. Management, on the other hand, sees a much brighter picture, with 79 percent of top executives and 80 percent of facilities managers thinking the quality of working life in this country has gotten better.

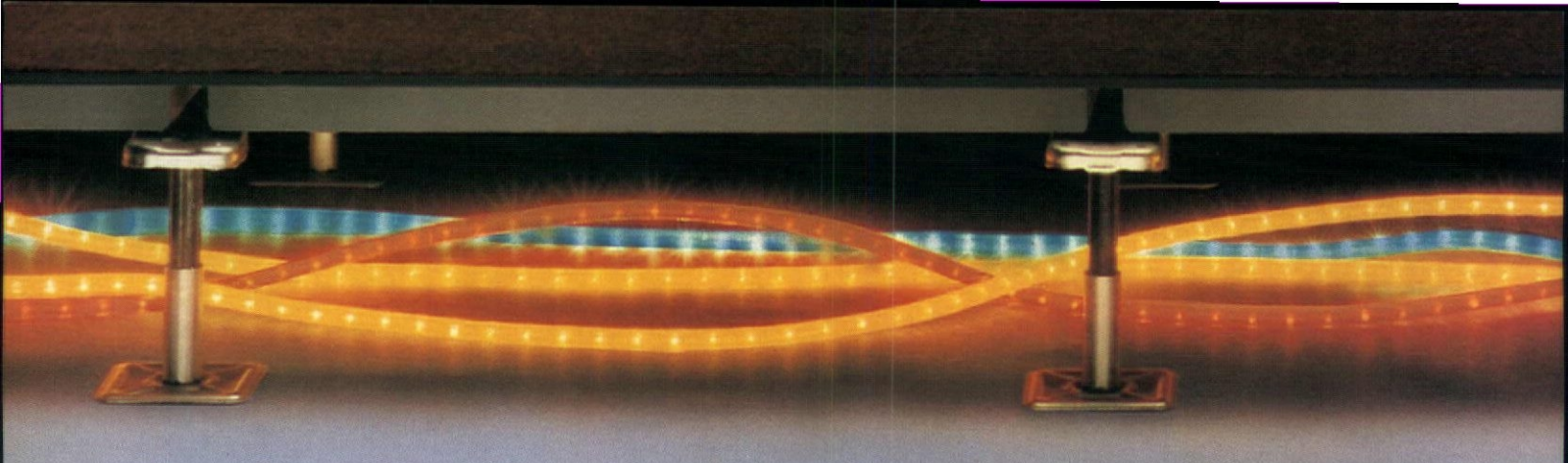
Comfort remains an area that 85 percent of executives and 97 percent of facilities managers believe can increase worker productivity. To office workers, comfort remains important to productivity, but is not as critical as in the past.

Another interesting conclusion drawn from the survey is that facilities managers and designers say that design priorities in the future will shift from an overriding concern with productivity and the cost of space to an even greater concern with accommodating computer equipment. The study says, "Ironically, however, productivity in an electronics-intensive environment will increasingly depend upon employee participation in problem-solving, a fact which designers and facilities managers do not seem to take into consideration."

Among the conclusions reached by the survey is that the issues are complex and that there are many ways to approach solutions. "What is clear," it says, "is that office workers are seeking further enrichment from work."—*L.C.*

FULL REPORT AVAILABLE

Both a summary report and a full report of the Steelcase 1987 Office Environment Index are available from Steelcase Inc., Public Relations Department, Grand Rapids, MI 49501.

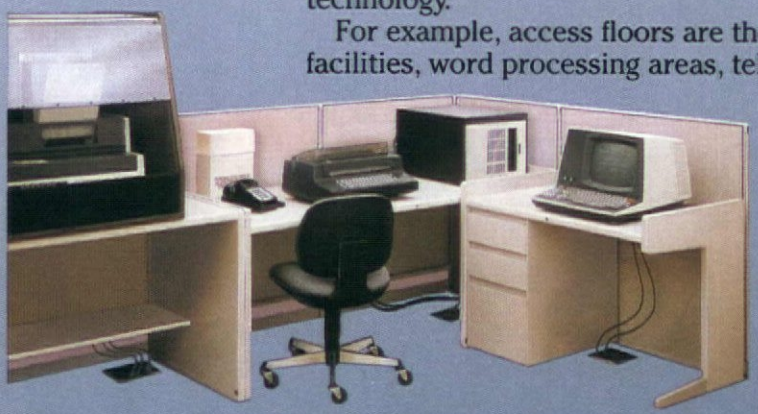


When to buy an access floor.

It's easy to be confused about access floors. Yet, when used in the right applications, they are a superb solution to a complex set of design problems.

Put simply, the more important flexibility is to you, the more you need access floors. Because access floors allow building management a great deal of latitude in adapting an interior space to changes in occupancy, work flow and technology.

For example, access floors are the logical choice for open offices, CRT facilities, word processing areas, telecommunications rooms, laboratories and, of course, computer rooms.



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- A 50% + open office plan.
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- An occupant density of 200 sq. ft. or less per person.
- And technology-oriented workstations with as little as 20% computer terminal density.

In short, the best time to use access floors is whenever the productivity of occupants is most dependent on the network of electronic, communications and computer support systems.

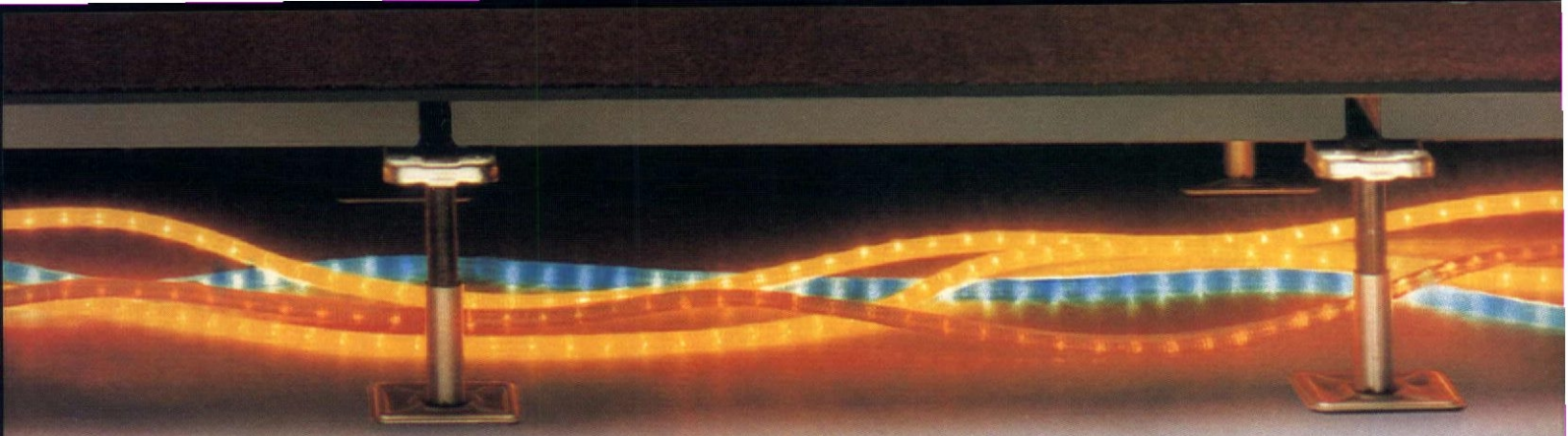
When not to buy an access floor.

There are times when a project is better served using traditional service distribution concepts. But they may be fewer than you'd expect.

While today's average access floor plenum height is only 6", access floors can add to total building height in some instances.

Also, facilities in which 90% or more of the plan will remain unchanged each year should probably continue to provide services via in-floor trenches.

Cost is a key, obviously, but most people just assume that access floors will be more expensive. In today's marketplace, you may find access floor costs competitive in more installations than you ever imagined.

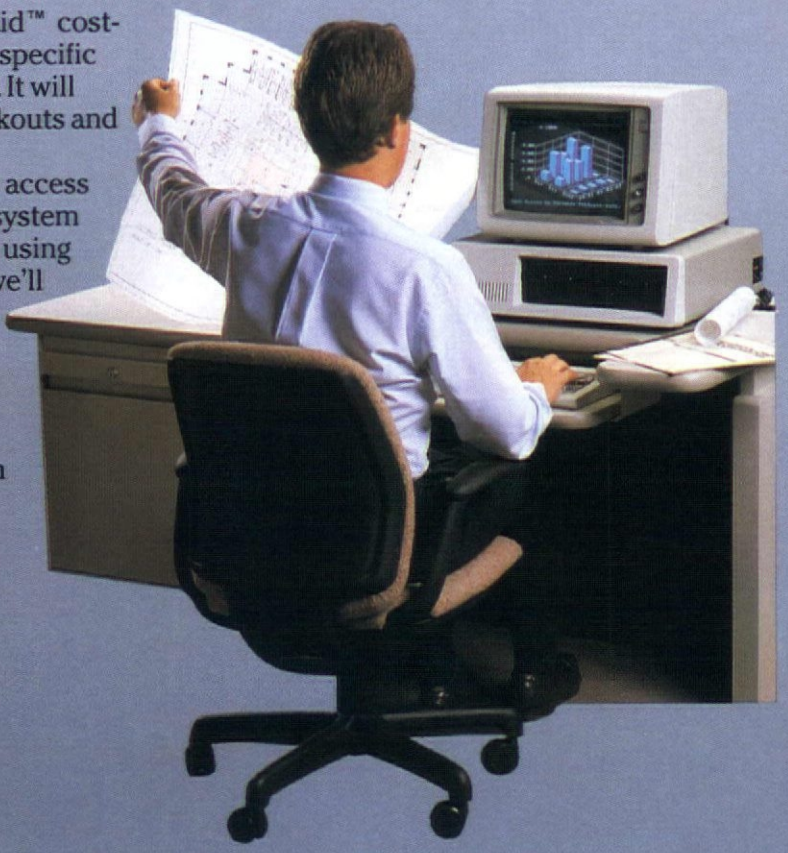


How to tell the difference.

This part can get very tricky. Comparing the initial and long-term costs of access floors with other construction techniques is no simple matter. You need a computer to factor in labor, material and operating costs.

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By Sara O. Marberry



Primaries dominate Scandinavian Furniture Fair

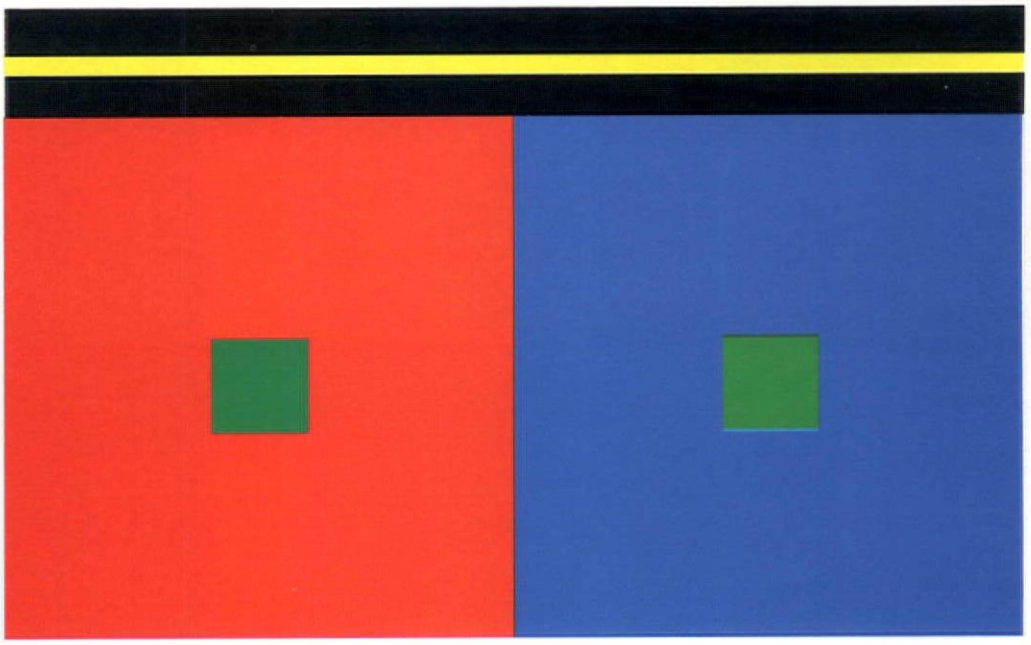
Color at the Scandinavian Furniture Fair, held May 6-10 in Copenhagen, Denmark, was bright. Monochromatic shades of red, yellow, green, and blue tones ruled product offerings at the fair, which consisted of contract and residential furniture (see page 52 in this issue for more coverage of the show) primarily from the countries of Denmark, Finland, Iceland, Norway, and Sweden.

While recent Scandinavian color trends have followed the pastel patterns now seen in the States, this year's bright colors were cleaner, crisper, and more vibrant than usual. No dark neutrals or soft pastels were used as upholstery and finish colors in this exhibition. And, most of the colors were monochromatic—without sophisticated blending of pattern with color. If it was yellow, it screamed yellow—if it was red, it was really red.

However, the multitude of light in the Bella Center where the fair is held may have affected the viewer's perception of color. The central exhibition area is open and airy, with light pouring in from a glass-topped roof above. Adjoining halls were also well-lighted, characterized by white walls and booths. Bright colors can only appear more vibrant under these conditions.

Dominant color is green

Green, in shades of forest to celadon, dominated the color palette at the fair. Perhaps green is popular because so many of the Scandinavian designers get their inspiration from nature. Or it may just be that green is being re-discovered the world over as a workable contract color. Think how nicely shades of celadon green go with the traditional Scandinavian "blond" woods.



Monochromatic shades of red, yellow, blue, and green were popular upholstery shades at the Scandinavian Furniture Fair this year.

Yellow and orange also made a statement at the fair, in bright, bold tones or blackened mustard and rust shades.

Dark purples and shades of royal to sky blue were also present. Many times these colors were combined with black leathers, or stained wood to give them sort of an avant garde Euro-style look. Black was used often as a foil to the bright primaries.

Black, by itself, has a lot of influence on European product design. It was used on wood and metal finishes, upholstery detailing, and lacquer. Many manufacturers were also showing highly-polished sheens on finished surfaces.

Pattern big in scale

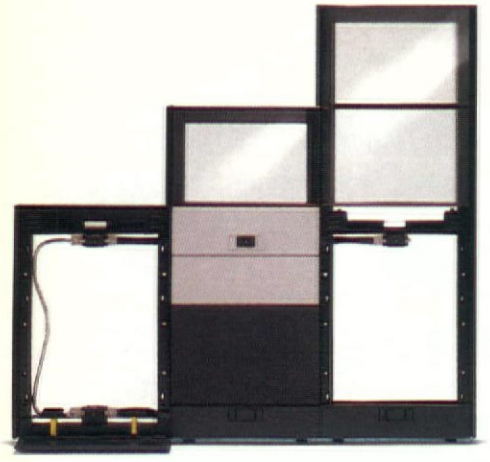
As for pattern, what little that was seen at this fair was big in scale and mostly floral or abstract in design. The Danish company Kvadrat scored big with its Blossom upholstery pattern designed by Ole Kortzan, a cotton jacquard fabric suitable for contract or residential design (see p. 53, this issue, for product photo). While not exactly a primary composition, the fabric nevertheless was popular at this fair because of its fresh combination of black and orange tones. However, most furniture was shown in monochromatic primary upholstery colors in wool or cotton.

Unlike colors displayed at many European furniture fairs, those shown at the Scandinavian fair would probably appeal to the U.S. market. Even though the trend is towards more neutral tones, the bright, upbeat colors seen there are being used in hospitality and retail interiors in the States.

While many of the colors presented in Copenhagen may be for show and sell, there is a freshness and cleanness that American designers can surely take inspiration from. The Scandinavians may not be as sophisticated in their color combinations, but their taste in color is very refined and original.

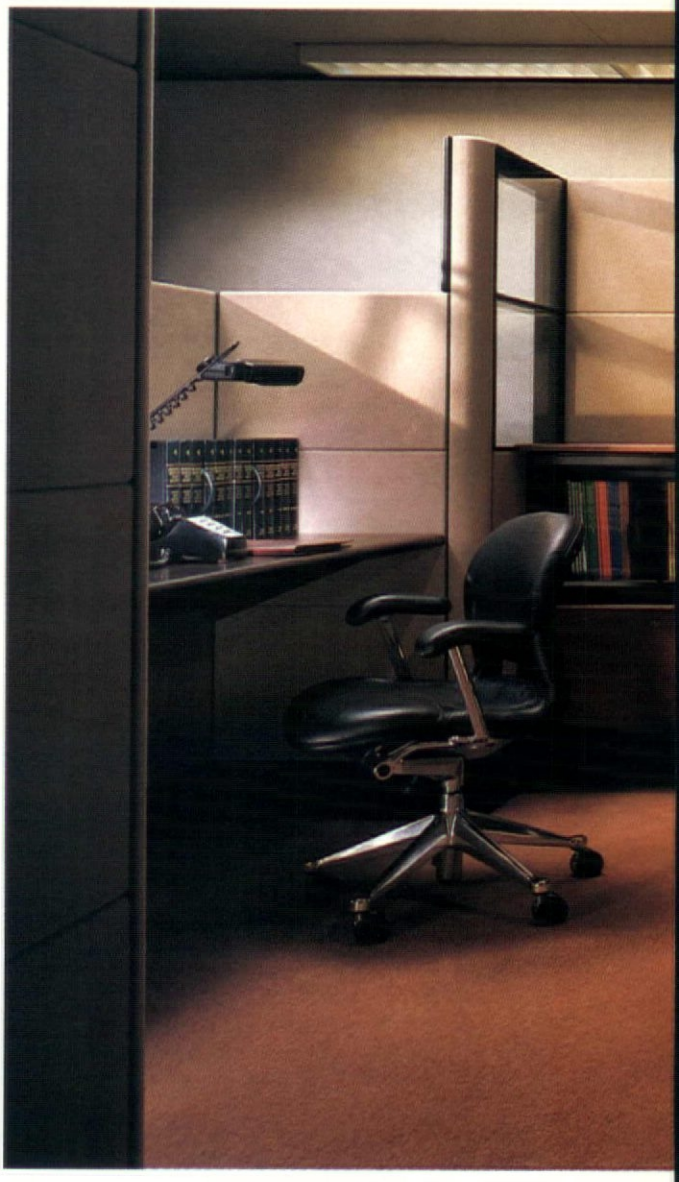
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Those tiles are the Ethospace skin. You choose it from colors and patterns in vinyl or fabric, and from various wood finishes. And the tiles needn't be the same on both sides of an Ethospace wall.

But the beauty of Ethospace is not just how the tiles look but what they do. A rail

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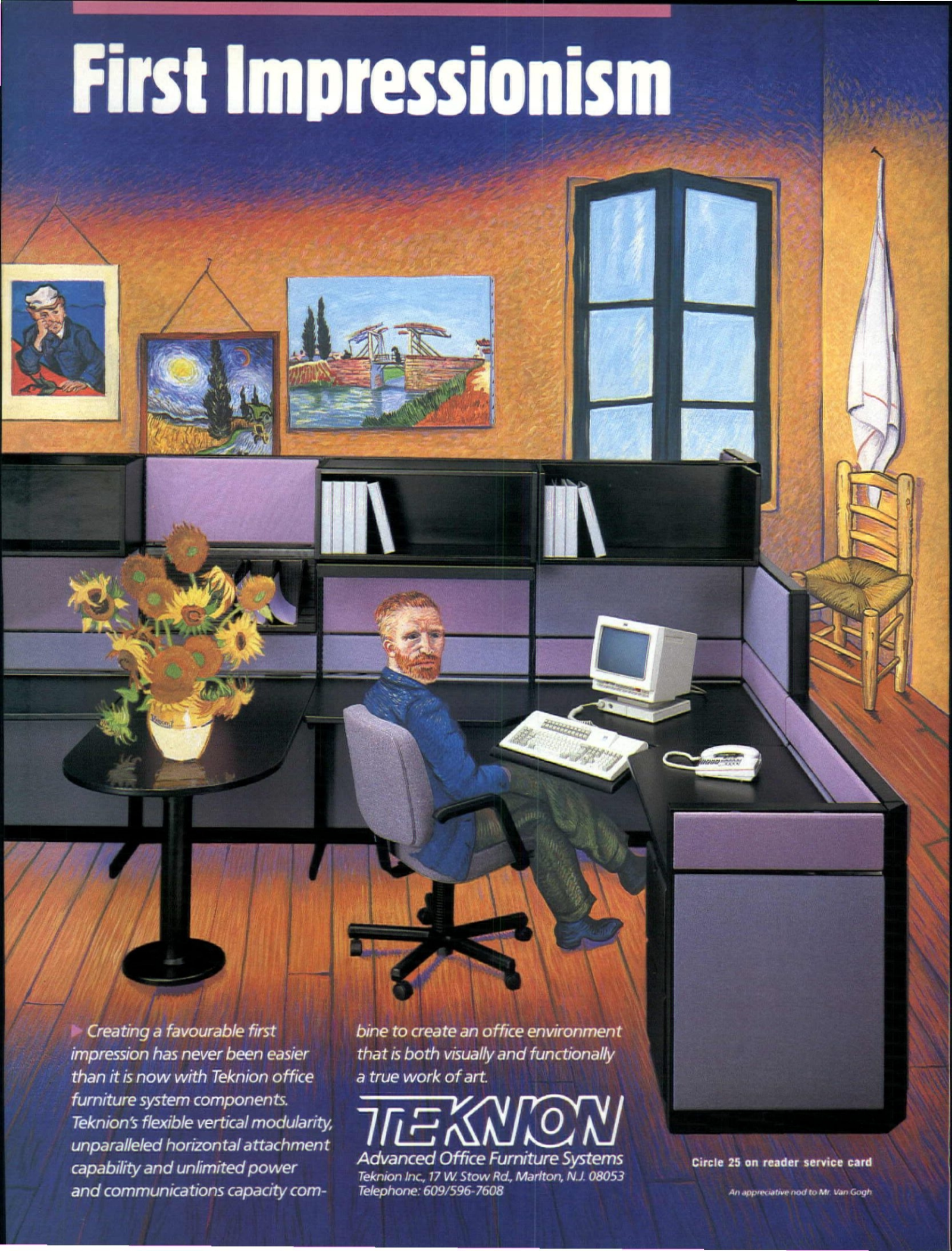
tile holds tools for organizing paper, for storage and display. An adjustable shelf tile adds horizontal surface. A picture frame tile displays art and photographs. A marker tile provides a vertical writing surface. A radiant heat tile generates warmth where the user is cold, and – economically – only there. An acoustical tile improves the acoustics precisely where needed, and only there. A beltline wire management tile puts wires, cables and outlets at work-surface height. Open tiles improve air circulation and allow paper and equipment to be passed between offices. Window tiles let the light in (and the user's vision out).

Face tiles, shelf tiles, display tiles. Tiles that hold tools and tiles that *are* tools. Unlike panel systems, Ethospace never requires that one surface (like a tackboard) wastefully cover up another surface (like the panel that the tackboard has to be attached to). This is because Ethospace tiles don't go on the wall. They are the wall. That's the beauty of Ethospace.

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An appreciative nod to Mr. Van Gogh

By Eileen McMorrow



Lighting complements acoustics in New York's Carnegie Hall

For any theatrical performance where the opening night is known well in advance, there is nonetheless a mad rush to meet a deadline for the first audience. The lighting design requirements and intricacies put forth by the challenge to restore New York City's Carnegie Hall and adjoining Weill Recital Hall were no exception.

The architectural lighting restoration of the exterior facade and interior, from lobby entrance to stage lighting and chandeliers, went beyond a simple, esthetic, upgrade of fixtures. This was a major interior structure and lighting renovation intended to preserve elements of the 96-year-old design, while improving lighting quality with technology of the 1980s. Provision was made to afford safe circuitry and wiring which had aged in the walls of Carnegie Hall.

The architectural lighting design firm of Jules Fisher & Paul Marantz, New York, was responsible for interior and exterior lighting design for the hall. Charles G. Stone II, a partner at Fisher & Marantz, led the design team which was under the guidance of Paul Marantz. The lighting firm worked closely with James Stewart Polshek & Partners, architects for the renovation. The hall reopened December 15, 1986, after seven months of restoration.

"Along with opening night pressure, there was a battle to maintain quality from the outset. The schedule did not allow any time for errors," says Stone.



Photography by Steve J. Sherman

A magnificent view from the stage of Carnegie Hall reveals the magnitude of the architectural lighting design and renovation completed by the firm of Jules Fisher & Paul Marantz, New York.

At each stage of the lighting renovation, problems surfaced and had to be solved. Sketches were made along the way as holes were punched in the walls and existing conditions examined. Lighting strategies planned well in advance often had to be completely modified when beams or pipes were discovered unexpectedly.

Tackling the exterior first, Stone and team created a frosted-glass perimeter canopy at the 57th Street entrance using clear 60-W A lamps, reminiscent of old-fashioned hotel lighting. Standard downlights create a warm, glowing "welcome" area at the immediate entrance. Tungsten-halogen floodlights were installed above the canopy to illuminate the freshly-cleaned facade.

Original ornamental fixtures had suffered years of abuse from weather conditions and deferred maintenance, yet two were salvaged and restored by Bergen Art Metal & Lighting, Tinton Falls, N.J., which also reproduced other fixtures. "For the main entrance, we just refurbished fixtures, but on the Seventh Avenue side we restored the original fixture, using some existing pieces and cast bronze," says John Heidelmeier, who supervised fixture restoration at Bergen Art Metal & Lighting. "The abuse to the fixtures was extreme. Many layers of paint were removed with furniture stripping, then we sand-blasted, refinished, and applied clear-coat lacquer. They should be good for 20 years from now, requiring cleaning and re-lacquering every five years," observes Heidelmeier.

Throughout the project, some fixtures literally turned to dust and fell apart from years of exposure, neglect, and old paint. Ornamental wall/building brackets were painted black, when underneath lay real brass. Now they shine again, and should be richly preserved.

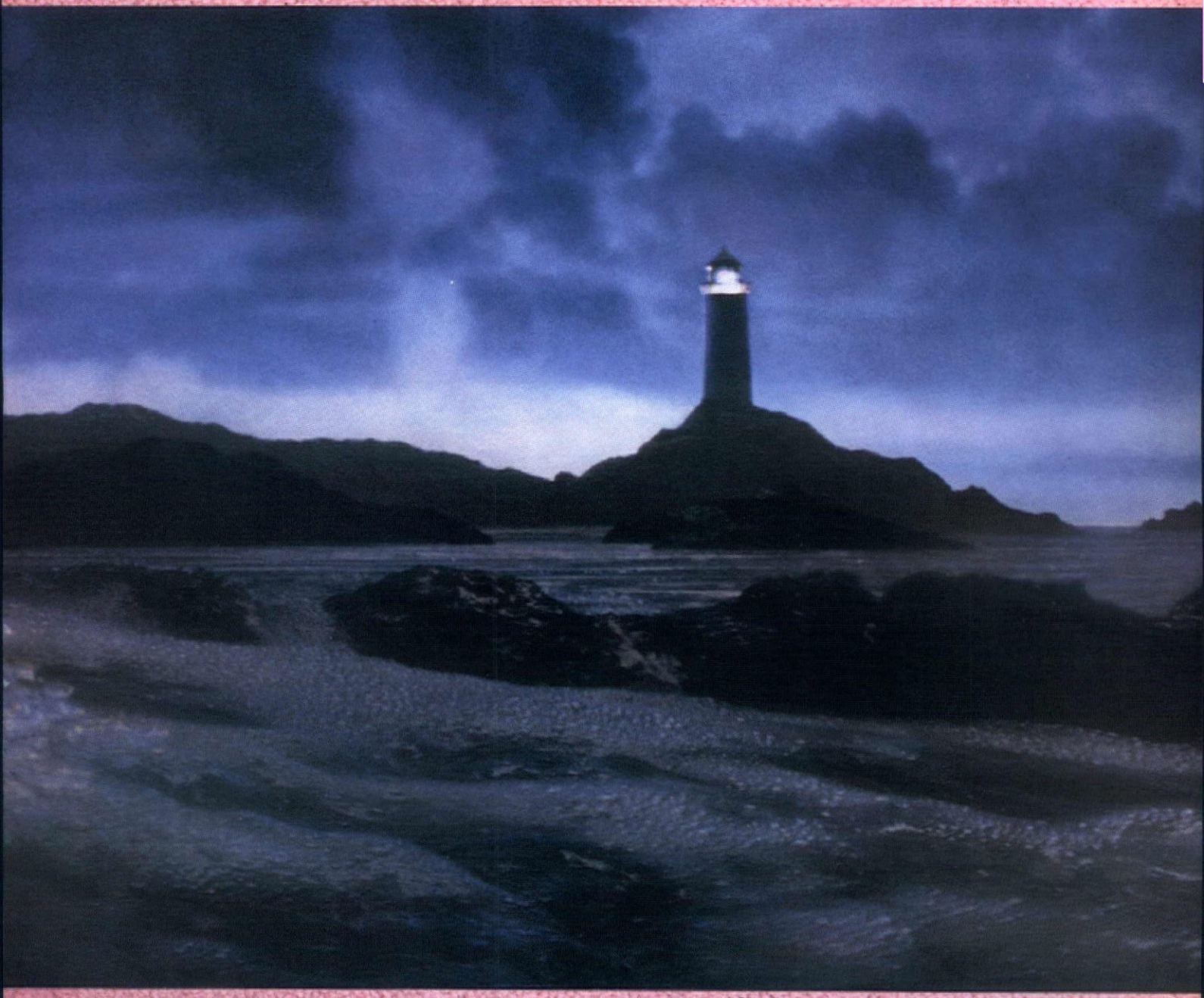
Albert Jaspers, proprietor of a lighting design and fixture restoration business in the Netherlands, is a hero of sorts for the fixture restoration of the hall, because his firm practices the Old World art forms of sand casting and lost-wax casting, techniques applied to restore

(Continued on p. 46)

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Old World process creates new light







Tiara illuminates the stage with even light distribution for the first time in the Hall's 96-year history. Restored bronze fixtures (center) are found throughout hallways and around staircases. Miniature lamp fixtures with silk shades light the first and second tiers.

(Continued from p.43)

some fixtures. Basically, a wax model is sculpted, a mold is made by applying rubber to the wax model, and then heat is applied. The rubber takes on the shape of the wax model, and the wax melts off. As a result, the wax is lost, and the rubber mold is used for metal casting, which in turn destroys the rubber mold, allowing each to be used just once.

Sand casting, another method for restoring fixtures, was used for torchieres in the lobby. Bronze, columnar torchieres topped with large glass globes and surrounded with clusters of six smaller globes were produced in solid bronze by Albert Jaspers and Sons; the cast bronze originals were painted, corroded, and quite brittle.

Along with the columnar lighting, lights were placed in the lobby arches and coves. Vault lighting was used in the old structure; and the new arch lighting accentuated imperfections in the plaster. As a result, when the lights were in place, the plasterers had to return and replaster the lobby ceiling; a four-day job.

Leaving the lobby and walking upstairs to the Parquet, First Tier, Second Tier, Dress Circle, and Balcony Level, one encounters many wall sconces and fixtures. Special wiring requirements, mounting conditions, and masonry caused problems. "A lighting supervisor was there almost every day, making sketches to deal with problems like ceiling beams in the wrong place. There are no right angles on the job. No original drawings existed from 96 years ago to reveal what was behind the plaster," explains Stone.

Throughout the summer of '85, a team of architects from the Polshek office punched holes in the wall and took endless measurements to produce a set of drawings. It was like exploratory surgery," says Stone about the planning stages. The entire hall has been rewired to meet New York City fire codes.

Tiara tunes stage lights

In early 1984, light meter readings were taken by Stone and planners, and it was determined that light levels would be increased three- to five-fold. Spotty dark and bright areas existed on the stage, far from the uniform lighting desired by the musicians.

Lighting the stage had as much to do with the acoustician, Abraham Melzer from Israel, as it did with creating proper light levels for musicians to read music they were playing, while also being able to see the conductor. The architects and lighting designers were equally anxious to remove the stage curtain which had hidden the upper part of the proscenium for four decades, but which also served to hide lighting equipment. The number of holes to be cut into the shell was limited by Melzer so a hanging, curved fixture support, known as the "tiara," was created.

The tiara, it turns out, has a historical precedent, as photos from the early 1900s reveal a series of pendant lamps hung below the shell along with a ring of lights. Chandeliers were used to provide lighting for musicians. Today, the tiara illuminates with concentric rings of light from the conductor's position to quartet, chamber, and on to full orchestra. Wiring is circuited precisely, and a Strand computerized lighting board provides control. Tiara fixtures were installed and aimed—one at a time—by New York Local 3 electricians. The lamping consists of 65 Q500 PAR 56 lamps.

Brannigan-Lorelli Associates, New York City, were theatrical and rigging consultants for the restoration, and are responsible for special events lighting and the dimming system. Additional concert lighting is built into the ceiling in the proscenium and first arch in the auditorium.

The tiara lamps are capable of giving off tremendous heat at 100 footcandles, thus are normally operated at 75 percent, which is adequate to see both music and conductor. Conductor preferences vary up to 250 footcandles of lighting, but 45 footcandles are commonly provided for each music stand during a performance, and 60 to 70 footcandles can be attained.

In addition to listening to a concert and watching musicians on stage, concert-goers admire the overall design with the high ceiling and delicate lights on each tier. These double lamps with shades of pleated silk are recognizable facets that enable people to identify Carnegie Hall in photographs and on television. Although the shades appear to be identical, they are all mounted differently. The new silk shades on the fixtures are permanently mounted and not removable. To re-lamp, one reaches into the fixture, eliminating crooked shade problems.

While about 20 different manufacturers' products are represented in Carnegie Hall, they all came from the same source—Lighting Associates, New York. "Due to the complexity of the project, lighting designers and Hall management decided to make Lighting Associates the sole source to acquire selections," says Frank Conti, executive vice president.

Surmounting the many design and lighting challenges encountered in such a mammoth restoration is a tribute to the practice of building restoration, when today the old is so frequently demolished to make way for the new. The project is also a memorial to the great maestros and musicians who graced Carnegie Hall throughout the century, before modern technology allowed lights to shine in the hall as they do today.

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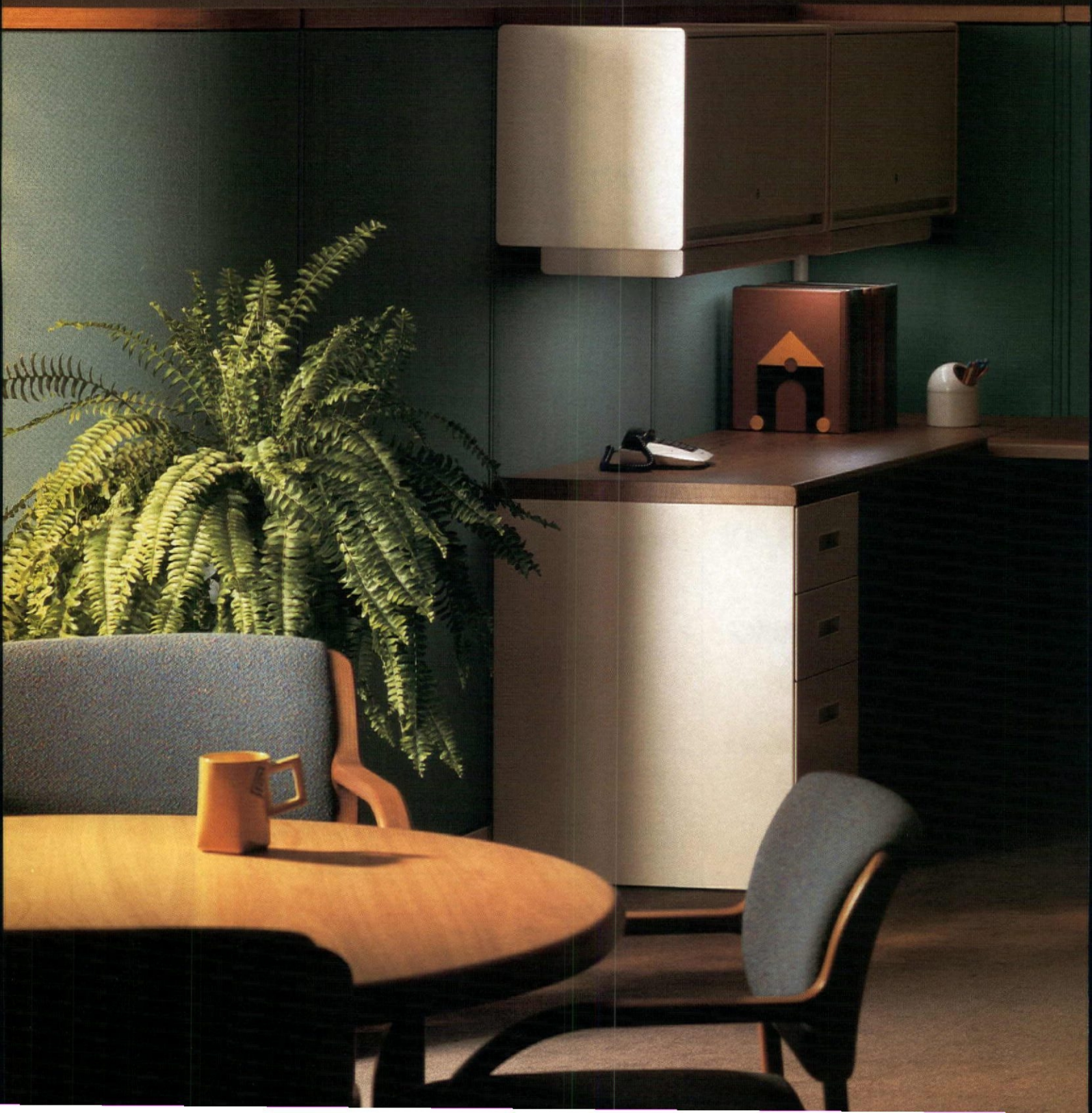
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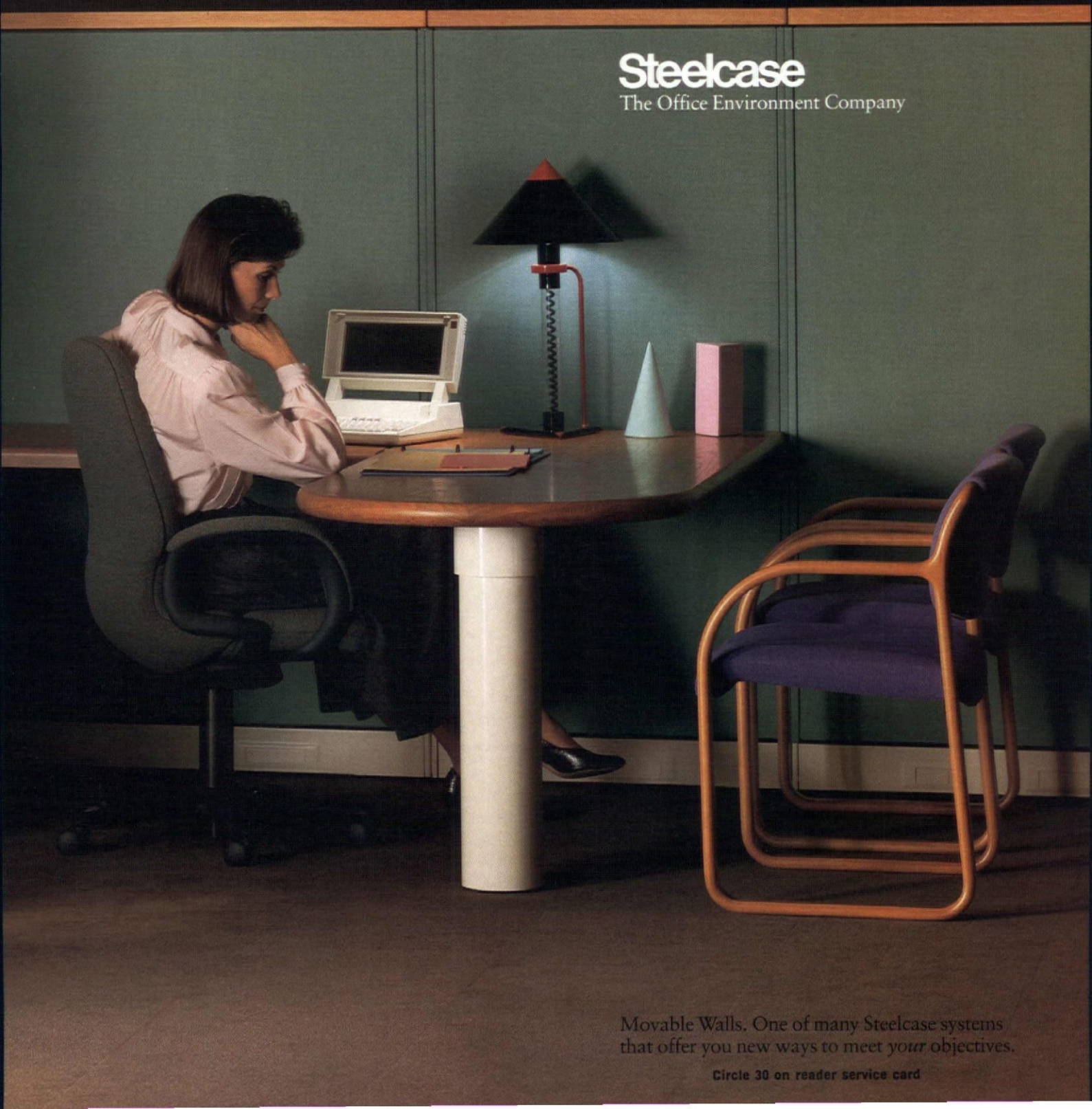


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Scandinavian Fair: Upbeat mood of show overshadows dropping attendance figures

By **SARA O. MARBERRY**
Managing Editor

For the second year in a row, there was a drop in U.S. attendance at the annual Scandinavian Furniture Fair, held May 6-10 in Copenhagen, Denmark. Blamed in part on the continuing devaluation of the dollar, the decrease in U.S. visitors to the fair represented a drop from 567 last year to 540 in 1987. But the mood of the fair was upbeat as usual and attendance, while not as good as last year's record-breaking number of nearly 17,000 buyers, topped the 15,700 mark.

All five trade groups from Denmark, Finland, Iceland, Norway, and Sweden once again predicted increased export figures overall, stressing the importance of the U.S. market. A few pointed to the success of earlier European fairs this year in Cologne and Stockholm as good indicators for increased exports.

In the U.S., there seems to be a renewal of interest in Scandinavian residential furniture, especially the ready-to-assemble (RTA) variety. Consumers are also demanding darker woods. But, export managers say that many Scandinavian companies see the U.S. con-



Vuokko, through Luminaire



Farstrup, through M & H Seating



Lilyriver

Lilyriver—The W chair, designed by Pentti Hakala, won the 1987 Association of Finnish Interior Architects SIO Prize which was presented at the fair. Made of chrome steel frame and stained birch, the jury thought it reflected "a new way of thinking." **Circle No. 350.**

Vuokko—Chair 006 designed by Antti Nurmesniemi is made of lacquered birch. Available in a selection of colors, the chair also comes with arms. The company is represented in the States through a variety of sources, but the most important contract rep is Luminaire, Miami. **Circle No. 342.**

Farstrup—Scala armchair is available in beech, natural, black, and white. Designed by Rasmussen & Rolff, the chair's back, armrest, and front legs are steam-bent solid beech framed by chrome steel with an upholstered seat. The chair was introduced in the U.S. at NEOCON by M & H Seating. **Circle No. 340.**

tract market as the biggest area for export growth.

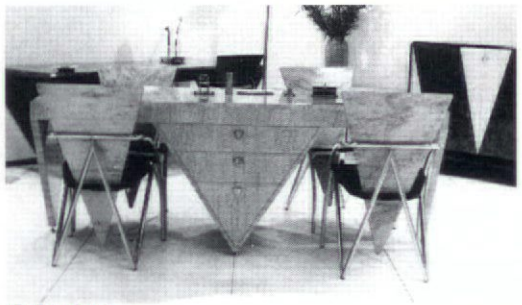
In anticipation of this, Scandinavian manufacturers are increasing their marketing efforts in the U.S. The Danish Furniture Manufacturers' Association recently signed a lease for space in The Merchandise Mart, Chicago, and will open a showroom in 1988 in time for NEOCON 20. If successful, this contract showroom may set a precedent for the Finns and Swedes, who along with the Danes already exhibit at the U.S.'s largest residential show in High Point, N.C. *(continued)*



Avarte

Westnofa





Q Furniture



Kvadrat, through Rudd Textiles.

Westnofa—Formula modular seating, designed by Eldoy & Hindenes is available in an assortment of mix and match colored upholstery. The company has U.S. offices in New York and Chicago. **Circle No. 344.**

Q Furniture Production—High-style furniture collection designed by Klaus Wettergren is inspired by Art Deco design and classicism. Line is made of walnut and birch root veneer combined with black lacquer and chromium-plated steel. **Circle No. 347.**

Kvadrat—Blossom jacquard upholstery fabric, designed by Ole Kortzau, includes three patterns of flower fantasies. This company is represented in the U.S. by Rudd Textiles. **Circle No. 343.**

Avarte—A500 chair line designed by Yrjo Kukkapuro includes a general purpose, conference, lobby, easy, (shown) rocking, and special chair models. Seat frames are hot-pressed, film-glued, and melamine coated birch veneer. The arm rests are birch veneer and legs are epoxy painted steel tube. Avarte is represented by ICF in the States. **Circle No. 414.**

SCANDINAVIAN FAIR

Chairs top list of new intros

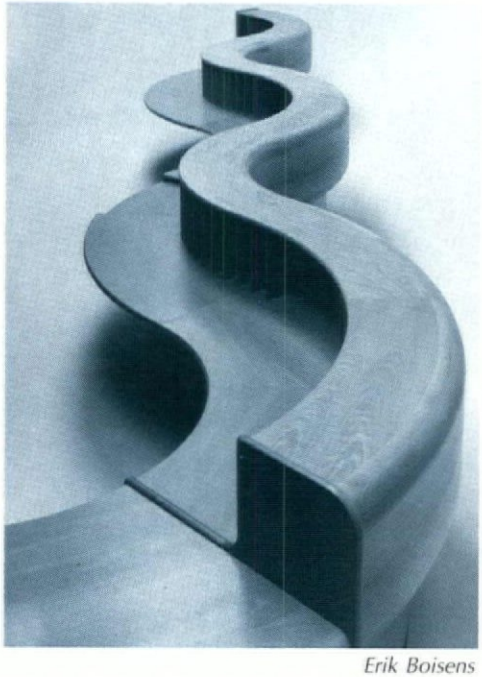
In addition, the export potential of contract furnishings has also influenced the product offering at the Scandinavian fair, traditionally a residential show. Many companies which started out as home furnishing manufacturers are now offering contract lines as well, thus broadening the scope of the fair. This is not a new trend in Europe, but the numbers seem to be rising.

Scandinavian design, though still clinging to tradition, is experiencing a renewal of sorts. Classic woods are being replaced or combined with metal and chrome on seating, which was the dominant contract product offering at this fair. Along with lightweight materials, the scale of the furniture is very refined and compact. Many of the new designs look Italian-inspired, but as one Finnish designer put it, "international trends spread fast."

Color is being used on wood, as well as in splashy primary shades on upholstery (see Color Line, p. 39, this issue). Casegoods are being manufactured in laminate—another departure from classic woods. Fiercely proud of their high quality and



Bla Station



Erik Boisens

Magnus Oleson, through Rudd Int'l





Economic Kaluste

Bla Station—Borge Lindau is the designer of the B + stacking chair. Made of birch, the seat can be specified in leather or black stain. Chair is collapsible and can be ganged.
Circle No. 348.

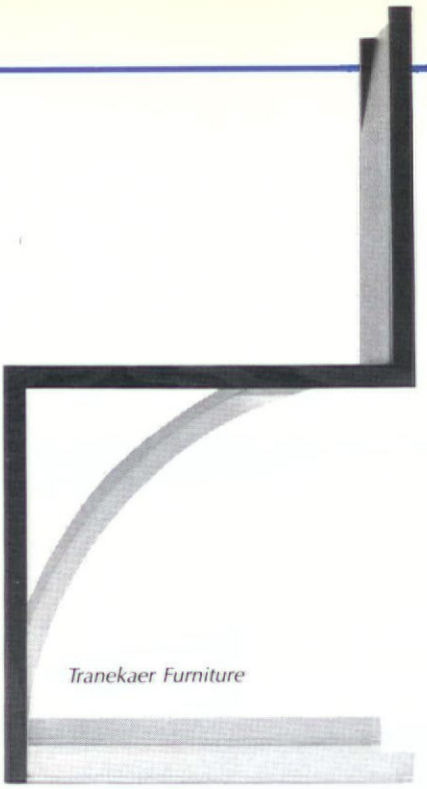
Erik Boisens—Curved beech reception counter designed by Rud Thygensen and Johnny Sorensen is available in modular sections. **Circle No. 345.**

Magnus Oleson—Designed by Rud Thygensen and Johnny Sorensen, One Plus One two-seater sofa comes in "S" curve or straight back models. The Danish firm is represented by Rudd International in the U.S. **Circle No. 339.**

Economic Kaluste—Vivero work desk/conference table designed by Simo Heikkila and Yrjo Wilherheimo features an unusual new shape. Table legs are fitted with height adjustors and are epoxy-powder coated. Tops are available in natural or black-stained birch.
Circle No. 346.

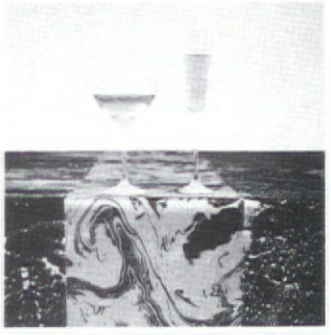
craftsmanship, Scandinavian manufacturers, though rooted in tradition, are not afraid to try something new and promote young designers. An exhibition of student designs, plus a showing of furniture by 25 "yet unproduced" industrial designers were on display to encourage manufacturer interest.

Overall, the fair, while disappointing to some, showed some promising signs for the direction Scandinavian contract design is taking. Shown on these pages is a sampling of some products introduced at the fair this past May. □



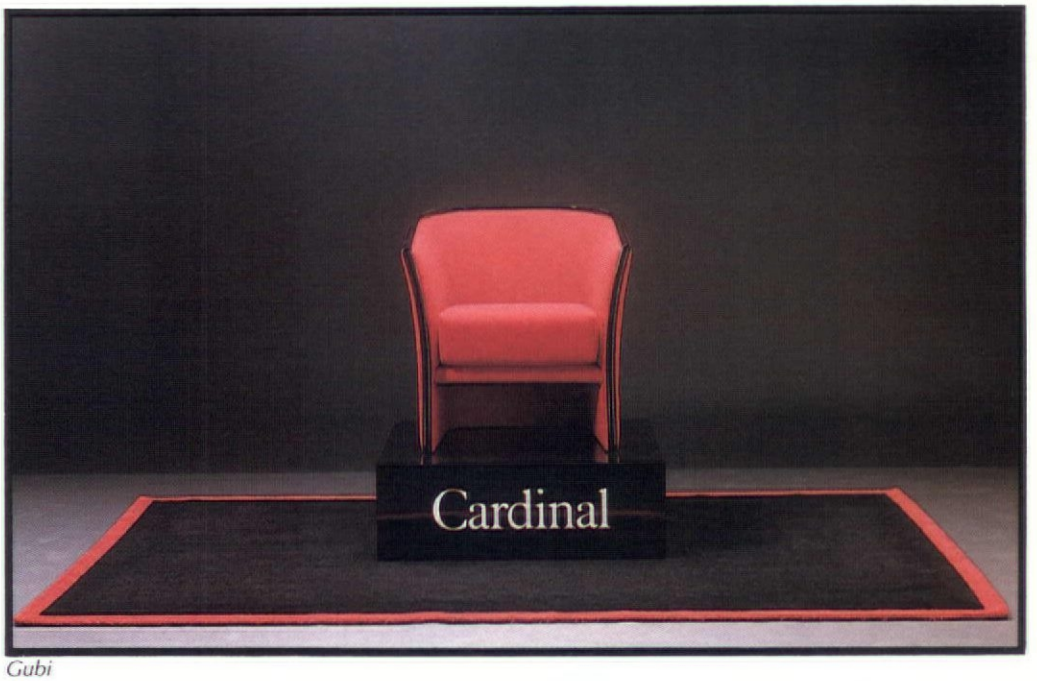
Tranekaer Furniture

Marimekko





Inno



Gubi

Marimekko—Fujiwo Ishimoto designed Uoma to illustrate the dynamics of the water and the silence of the earth. The free-form pattern fabric is 100 percent cotton sateen. Marimekko has offices in Stamford, Conn., and is represented by Designer's Walk in the U.S. **Circle No. 418.**

Inno—Mio chair, designed by Jouko Jarvisalo, is available in an arm or armless version in a five-star base or with legs (as shown). The curved back is made of wood and is supported by a chrome metal frame. Inno is represented in the U.S. by Luminaire, Miami; and Dapy, New York City. **Circle No. 338.**

Gubi Design—Cardinal chair designed by owner Gubi was inspired by a study tour to Rome. Available in 27 different upholstery colors, the model also comes in a sofa version. Area rug (also pictured) called "Passe-Partourt," was also designed by Gubi and is produced by Ege Taepper. **Circle No. 341.**

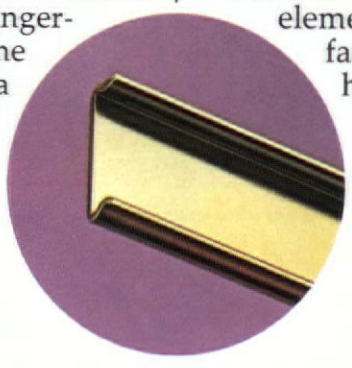
Tranekaer Furniture—Arnoldisign side chair is made of ash with a stainless steel frame and comes in natural, black, red, gray, and white finishes. It is designed by Per Arnoldi. **Circle No. 349.**

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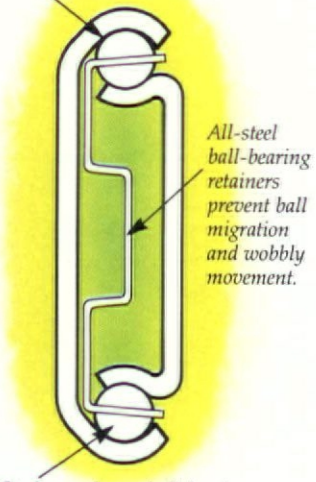
Often the fastest way to compare—and sell—the quality of business furniture is right at your fingertips. Just have the customer open a drawer. He'll feel an unmistakable "Accuride Difference." Like the sound and feel of the door on an ultra-luxury car, the Accuride-equipped drawer makes an irresistible impression of innate quality that communicates the craftsmanship of the entire piece.



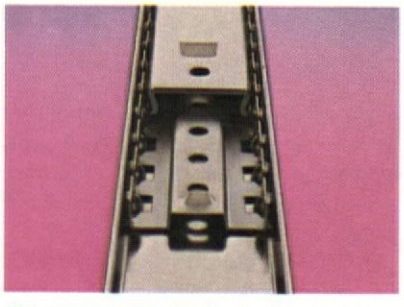
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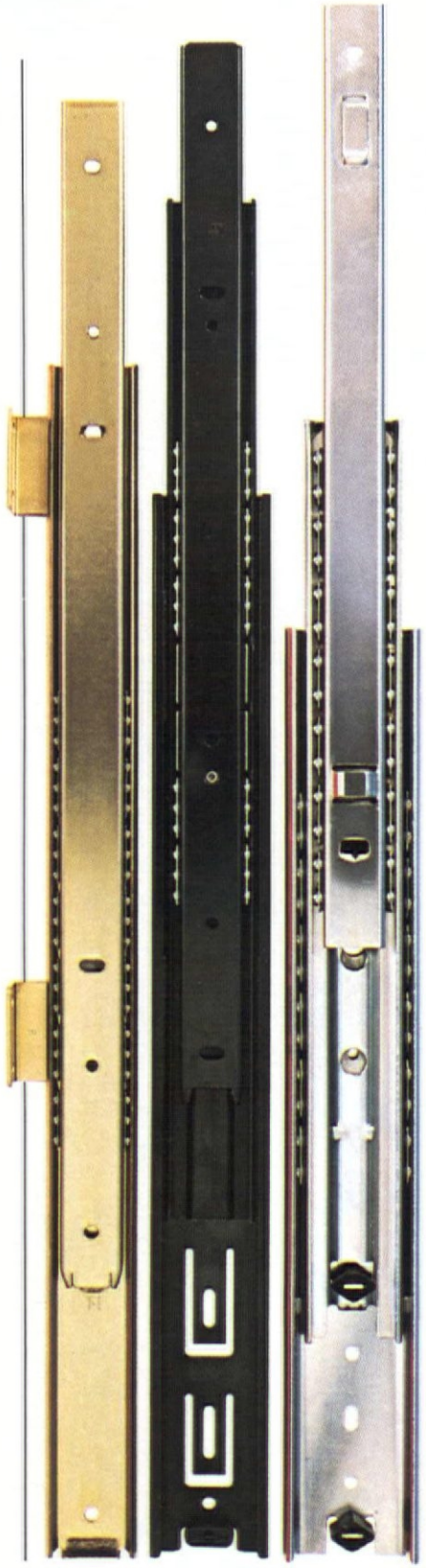


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Leather sofa breaks with tradition

Rich top- and full-grain leathers represent a break from tradition for Ibis Furniture with its Panther Chesterfield sofa. Designed to complement the firm's traditional upholstery with a contemporary theme, the 89-in. wide sofa is part of a suite containing a club chair, loveseat, and four-seat sofa.

Introduced at NEOCON 19, the sofa offers the British patent method of springing and beechwood framing and is available in 30 leather colorways. COM is available upon request.

As part of the Millbrook Collection, a traditional seating line from England, Panther Chesterfield can be used for reception seating, hospitality, and executive offices. The sofa is 89-in. wide, 30-in. high, 34-in. deep, with a seat depth of 22-in., and 63-in. width between the two arms.

Circle No. 352.


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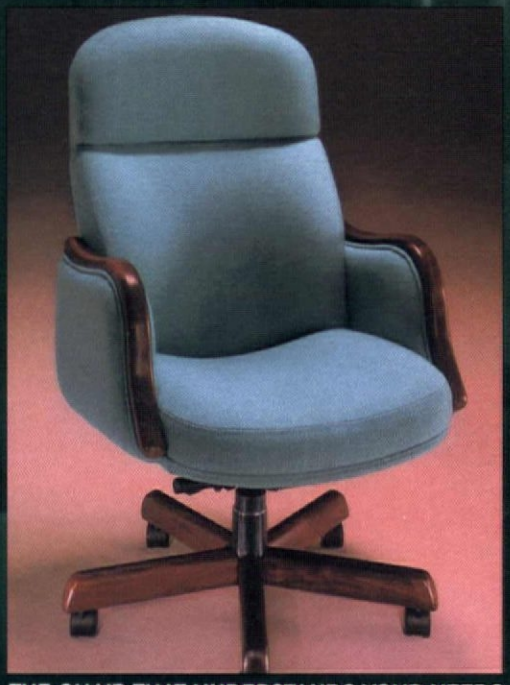


'Railpass' evokes romance of travel

A line of 100 percent worsted wool weaves, with crisp geometric patterns dobby-woven in rich jewel tones and black, has been introduced by the Groundworks Division of Lee Jofa. Called the "Railpass Collection," the fabrics are subtly textured and have durable construction for contract upholstery applications, yet they have the suppleness and luster of fine draperies as well.

Shown are (left and bottom) "Railpass Plaid," the pivotal fabric of the collection, with bold interlockings of color that link it to the collection's smaller-scale coordinate designs: (from top) "Milano," a multicolor grid with touches of vivid color; "Geneve," an understated multicolor stripe; and "Bruxelles," a subtle two-tone grid. **Circle No. 354.**

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Dynel wood system invites designer input

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Various shapes incorporated into the panels in whatever colors are specified are the result of the complete modularity of the panels themselves. Modules are at 16-in. increments and can be mounted vertically and horizontally within a panel. The company will build each panel to designer specifications.

The system itself can be either an end-support or cantilever system. All components and trim are wood.

Circle No. 355.


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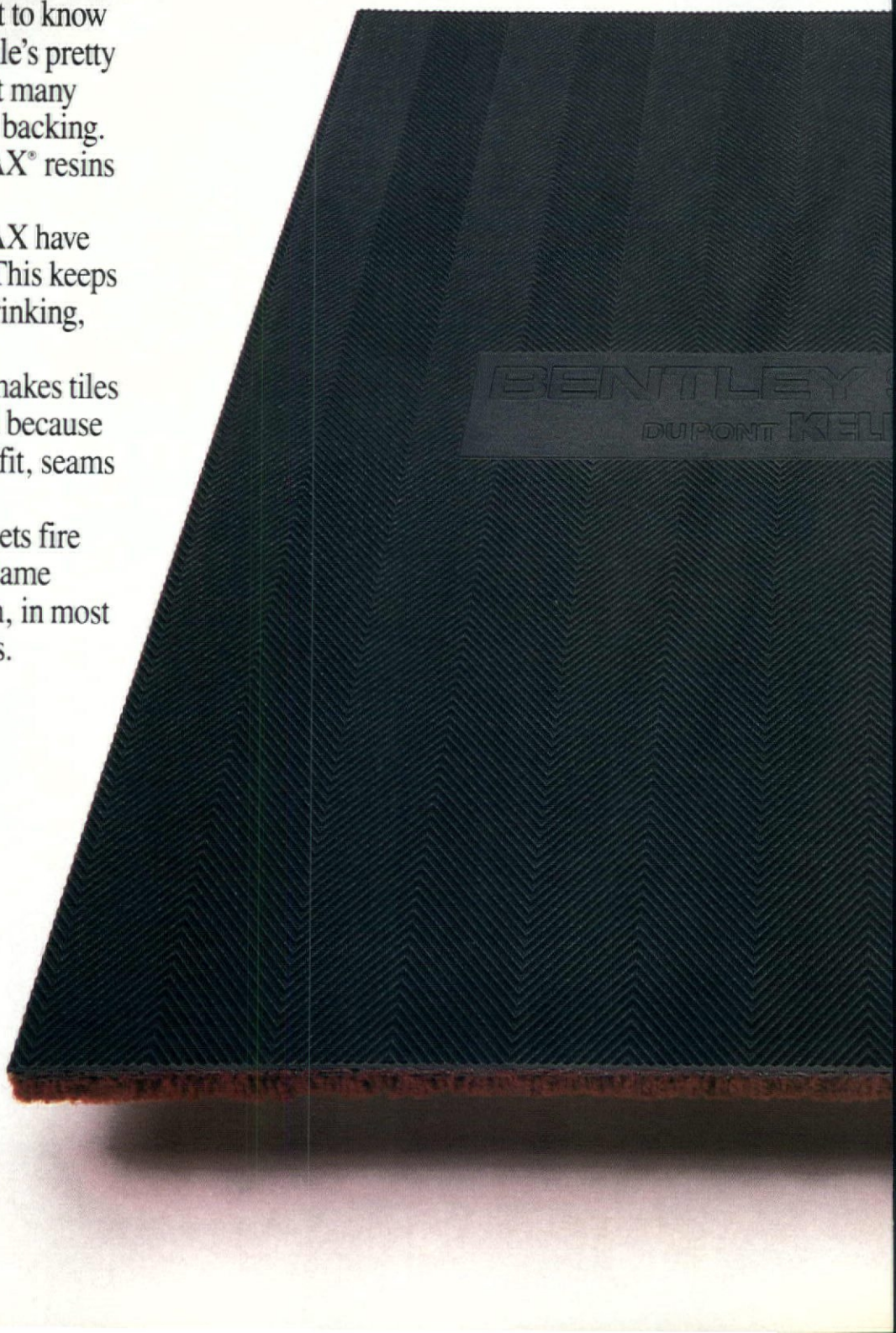
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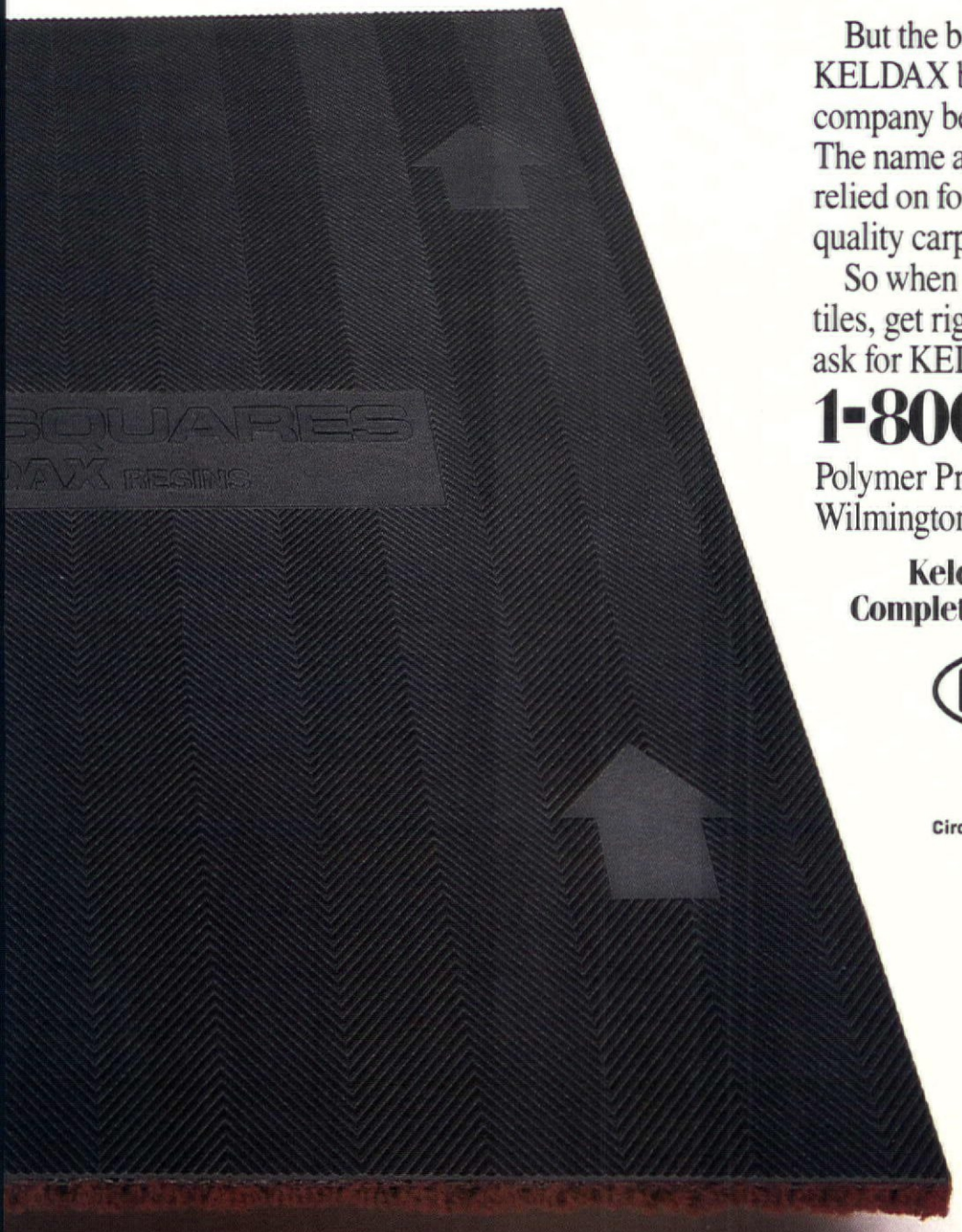
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Barrows



Warren

Charles J. Saylor, vice president, marketing, at GF Furniture Systems, announced two appointments to his staff: **James E. Barrows** (shown) is now director, marketing communications and **Paul O. Warren** (shown) is now serving as director, product marketing.

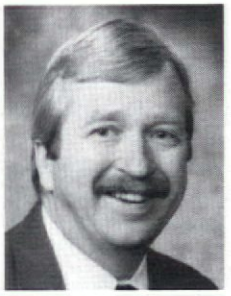
William Hamlin, vice president of sales for Hickory Business Furniture, has announced the appointment of The Zeilers as sales representatives in New England. **William Zeiler,** president of The Zeilers, and **Trudi Drake** will be based in Boston. **Margi Nyerlin** will cover Connecticut.

Vertilus, Inc., manufacturers of vertical blind fabrics has appointed **Mike Lopez Sr.** as national sales manager.

Janet L. Ferruggia has joined Russo & Sonder Architects as director of marketing, and will be responsible for all promotional activities of the firm, including public relations.



Moser



Wilson

Cathy A. Moser (shown) will be primarily responsible for space planning and interior design services offered by the newly formed Architectural Interiors Group-Cathers/A.I.G., part of F. Daniel Cathers & Assoc. of Malvern, Penn. Cathers/A.I.G. is located in Center City, Philadelphia.

John Wilson (shown) has been named national contract sales manager at Hollytex of Calif. Also appointed at Hollytex are the following sales representatives; **Jeff Callison**, covering Washington state, northern Idaho, Montana and Alaska; **Barry Dunahoo** and **Mike McKee** in Orange County, Calif.; **John Paine** in San Francisco; and **Kyle McMickle** in Denver, Col.

Barbara W. Prewitt has joined the interior design staff of Thompson, Venulett, Stainback & Assoc. Prewitt is a member of the American Society of Interior Designers and was formerly employed by Albert C. Martin & Assoc., Los Angeles, Calif.

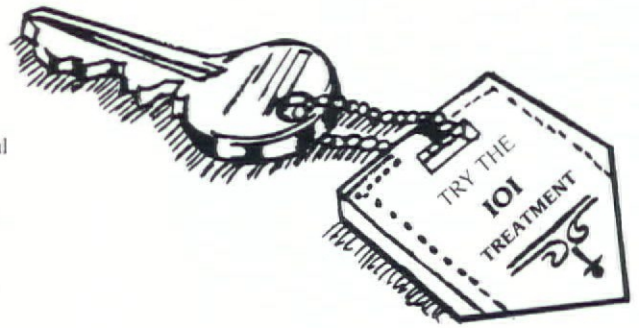
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PEOPLE/NEWS



McGillis

James M. McGillis (shown) is the new divisional sales manager for Haworth, Inc. In this new capacity, McGillis will manage the company's sales activities for the states of Colorado, New Mexico, Utah, Arizona, Nevada, and Wyoming.



Galindo

Integrated Ceilings, Inc., has announced the appointment of **Jerry Galindo** (shown) as director of marketing. He will be responsible for new product design, advertising, marketing, and sales activities nationwide for the company, which specializes in ceiling products.

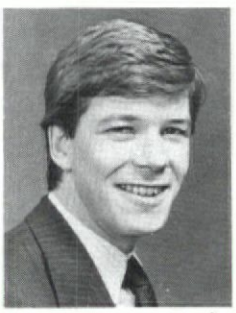
Jo F. McCabe (shown), interior designer and space planner for Wedding & Assoc., Architects, Inc., is the Florida Gulf Coast's first graduate of Monsanto's Chemical educational program about carpet specifications.



McCabe

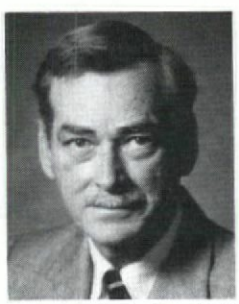
Loboflor announced the appointment of **Paul Murfin** (shown) to the position of regional sales. Murfin will be based in St. Louis, Mo., in the offices of Misco Shawnee, Loboflor's exclusive distributor in seven midwestern states.

Kenneth A. Campbell (shown) has been promoted to vice president of Elmo Leather of America, Inc. and has also been elected to the Board of Directors of the importing, marketing, and sales arm of Elmo-Calif, AB, Sweden.



Murfin

Alphonse A. Ilekis, AIA, has been promoted to senior vice president in his position as senior project designer for the Chicago office of Welton Becket Assoc. Ilekis has served as vice president and senior project designer since joining the firm in 1980.



Campbell

At Jack Lenor Larsen, **Bob Morton, Lauri Storer, Eve Barbaria,** and **Michael Pentella** have been appointed regional sales directors. Morton will be based in San Francisco and cover the Northern California territory. Storer will be located in Boston and handle the New England area. Barbaria will be in Houston covering the company's Central sales territory and Pentella will cover both the Atlanta and Dania/Miami showroom as part of his Southwest regional responsibilities.

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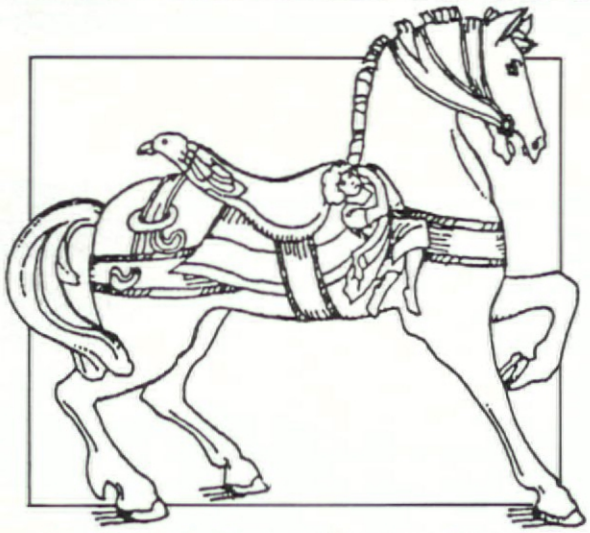
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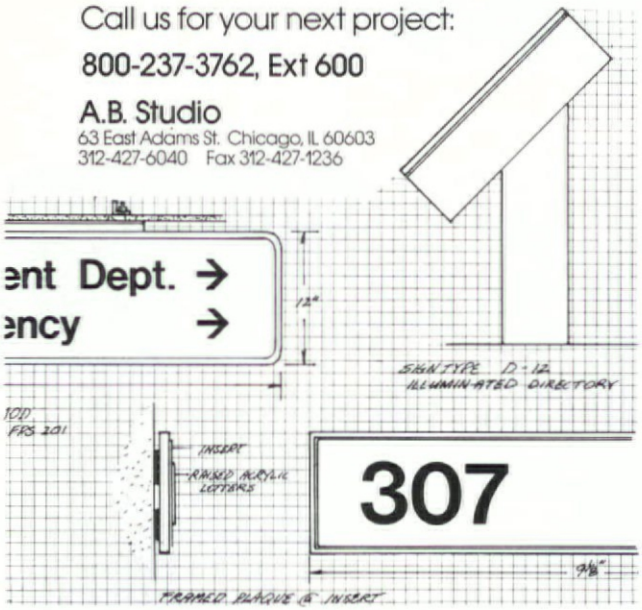
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PEOPLE/NEWS



Warren

Tarkett, Inc., has appointed **Leslie Warren** (shown) Eastern regional manager for commercial products responsible for commercial sheet vinyl and vinyl floor tile sales.



Schoumaker

Raoul JP Schoumaker (shown) has joined Krueger, Inc., as manager of design. His responsibilities include new product conceptual design, showrooms, and customer space planning.

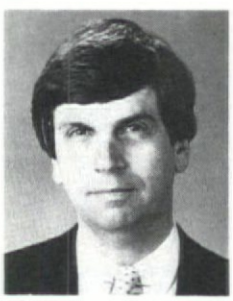
Hunt Mfg. Co. named **Eugene A. Stiefel** (shown) as vice president, information services; **Roy M. Delizia** (shown) vice president, development and planning; and **David Kalberer** (shown) to the position of product manager, office products.

Bruce A. Reinhart has been named vice president and national sales manager of Interna Designs. Also, **Sue Ellen McMaster** has been selected as Western regional sales manager and **Lance Hassan** was appointed Central regional sales manager.



Stiefel

Joseph Sampson has joined Collins & Aikman's Floor Coverings Division as Northeast regional sales manager and **Donald Ray Huddleston** is the new company installation technician, technical services.



Delizia

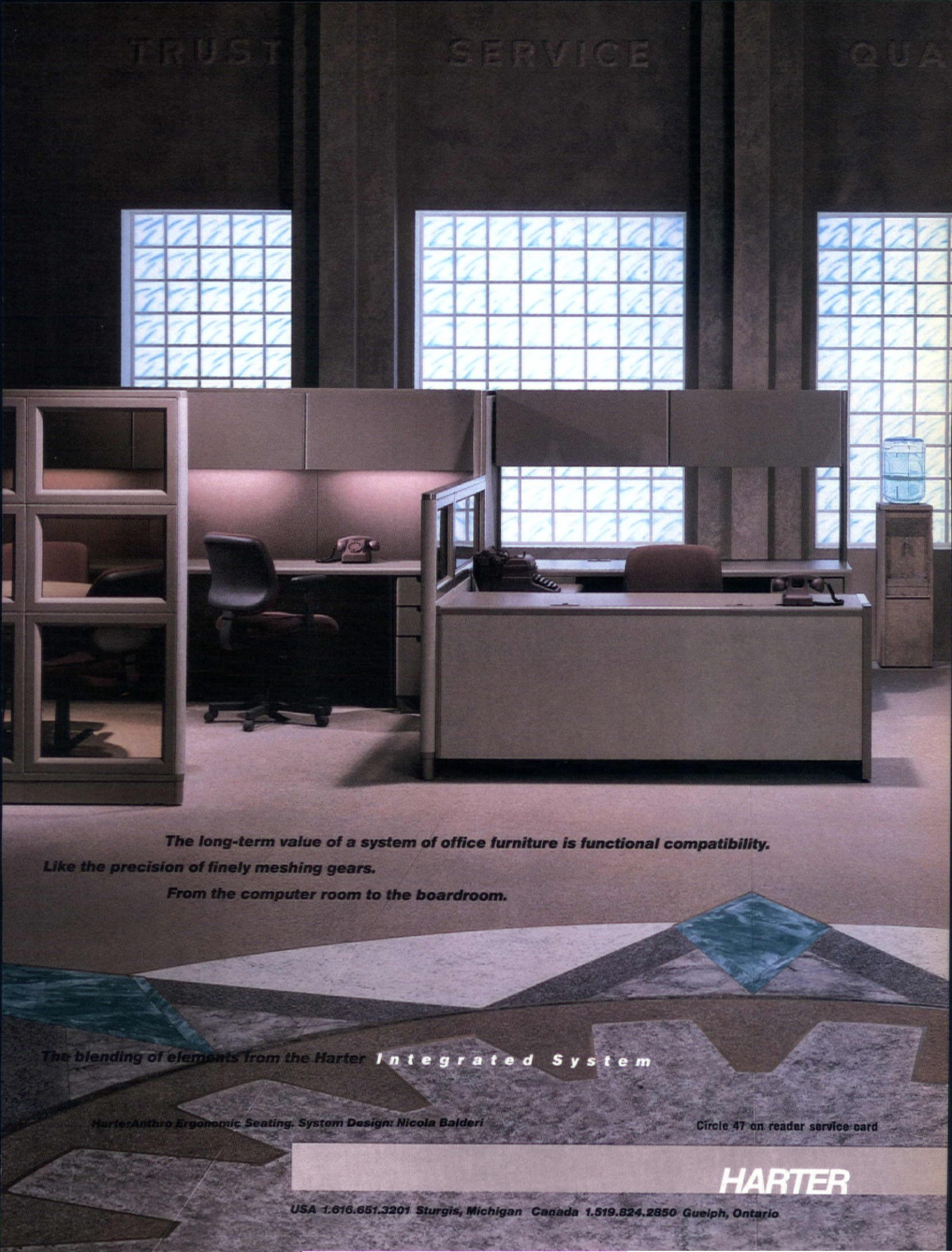
Lee Jofa has named new showroom managers: **Charlotte Reed** has been appointed in Chicago, Space 1270 Merchandise Mart; **George Massar** in Los Angeles, Space 678 Pacific Design Center; and **Ann Beausoleil** in Laguna Niguel, Space 169 Design Center South.



Kalberer

Harold L. Fleming will oversee all aspects of commercial and residential sales in the Southern California region, as the newly appointed sales manager for the Los Angeles office of Monroe Schneider Associates, a full service floor contractor.

Suzanne Jacobson has been promoted to senior staff designer, **Daniel X. Donohoe** has been named staff designer, and **Lenore A. Johnson** has been named resource coordinator in the interior design group of CUH2A, the Princeton, N.J. architecture, engineering, planning, and design firm.



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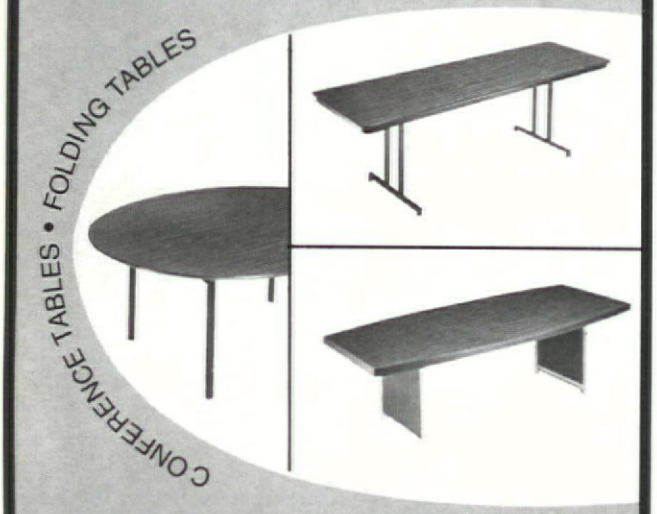
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COMING EVENTS

1987

July 18-21. International Carpet and Rug Market. Atlanta Market Center, Atlanta, Ga.
July 20-21. Interdis: San Francisco Design Conference. Contract Center at Showplace Square, San Francisco, Calif.
July 22-25. ASID National Conference & Exposition. Toronto, Ontario, Canada.
August 2-6. IES Annual Conference for lighting professionals. Marriott Camelback Inn, Scottsdale, Ariz.
August 5-8. IDSA National Conference, Monterey '87: Influences on Design. Conference Center and Doubletree Inn, Monterey, Calif.
August 9-13. New York International Gift Fair. Jacob K. Javits Convention Center, New York.
September 1-2. Workspace, Fifth Annual Exhibition & Conference for the Office Environment. Moscone Center, San Francisco, Calif.
September 17-18. Innovations '87. INNOVA. Houston, Tex.
September 17-22. National Casual Furniture Market. The Merchandise Mart, Chicago.
September 20-22. Pan Pacific Lighting Exposition. Concourse at Showplace Square, San Francisco, Calif.
September 29. ACT Textiles Show. IDCNY, Center Two, New York.
October 2-4. IIDEX. Metro Toronto Convention Centre, Toronto.
October 7-10. IDCNY Fall Market. International Design Center New York.
October 7-10. Design New York, international interiors furnishings market. New York, N.Y.
October 8-10. Designer's Saturday. New York, N.Y.
October 20-24. NOPA convention. McCormick Place, Chicago.
October 25-28. NECA National Electrical Contractors Assoc. annual convention. San Francisco.
October 28-30. CONEXION '87. Atlanta Merchandise Mart, Atlanta.
November 1-4. IFMA annual conference and exposition. Dallas, Tex.
November 2-3. Lighting Energy Solutions Conference. Boston Park Plaza Hotel, Mass.
November 5-8. CRI Annual Meeting & CEO Conference. Ritz-Carlton Hotel, Naples, FL.
November 8-11. International Hotel/Motel Restaurant Show. Jacob K. Javits Convention Center, New York.
November 18-20. The Buildings Show. Philadelphia Civic Center, Philadelphia, PA.

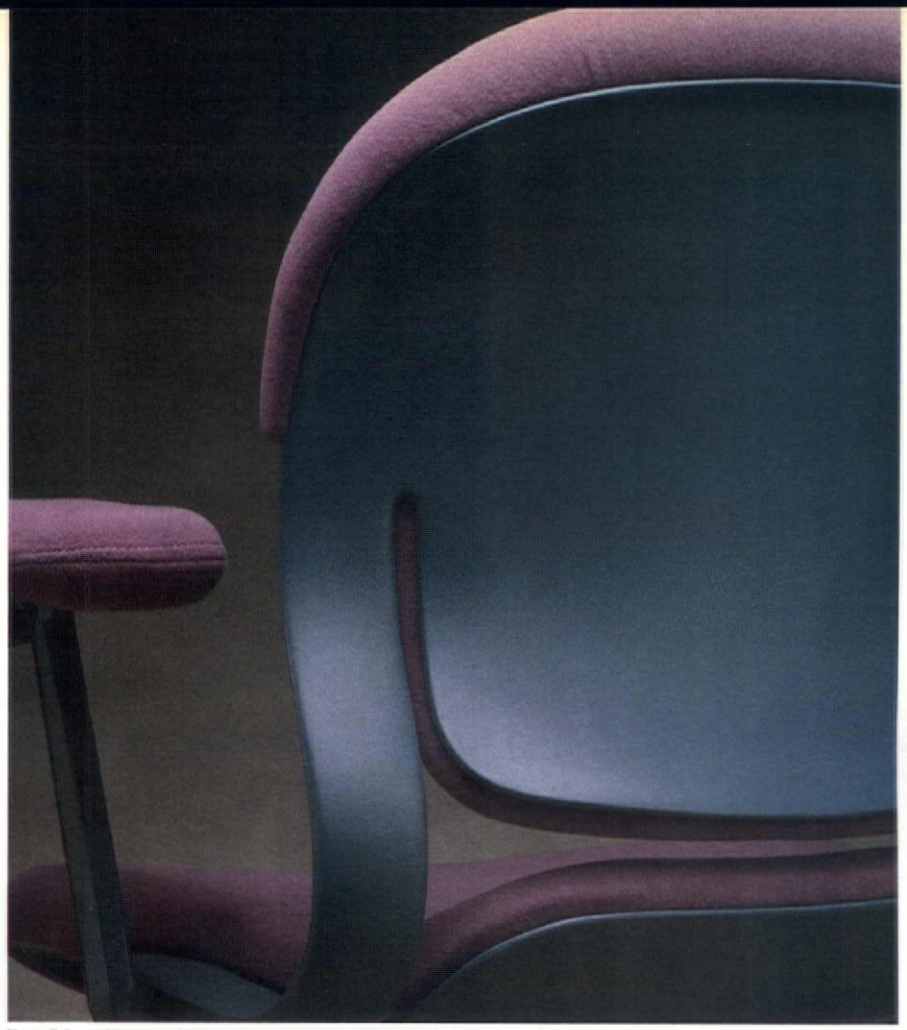
Foreign

July 22-25. ASID National Conference and International Exposition of Designer Sources. Metro Toronto Convention Centre, Toronto, Canada.
August 16-21. Design 87. Dutch design congress and exhibition. Amsterdam, Holland.
September 8-11. International Carpet Fair. Harrogate, England.
September 17-21. Salone del Mobile, Milan Furniture Fair. Milan Fairgrounds, Italy.
November 18-22. International Furniture Fair Tokyo. Tokyo International Fair Grounds, Japan.









Equa™ from Herman Miller. Designers: Don Chadwick, Bill Stumpf.

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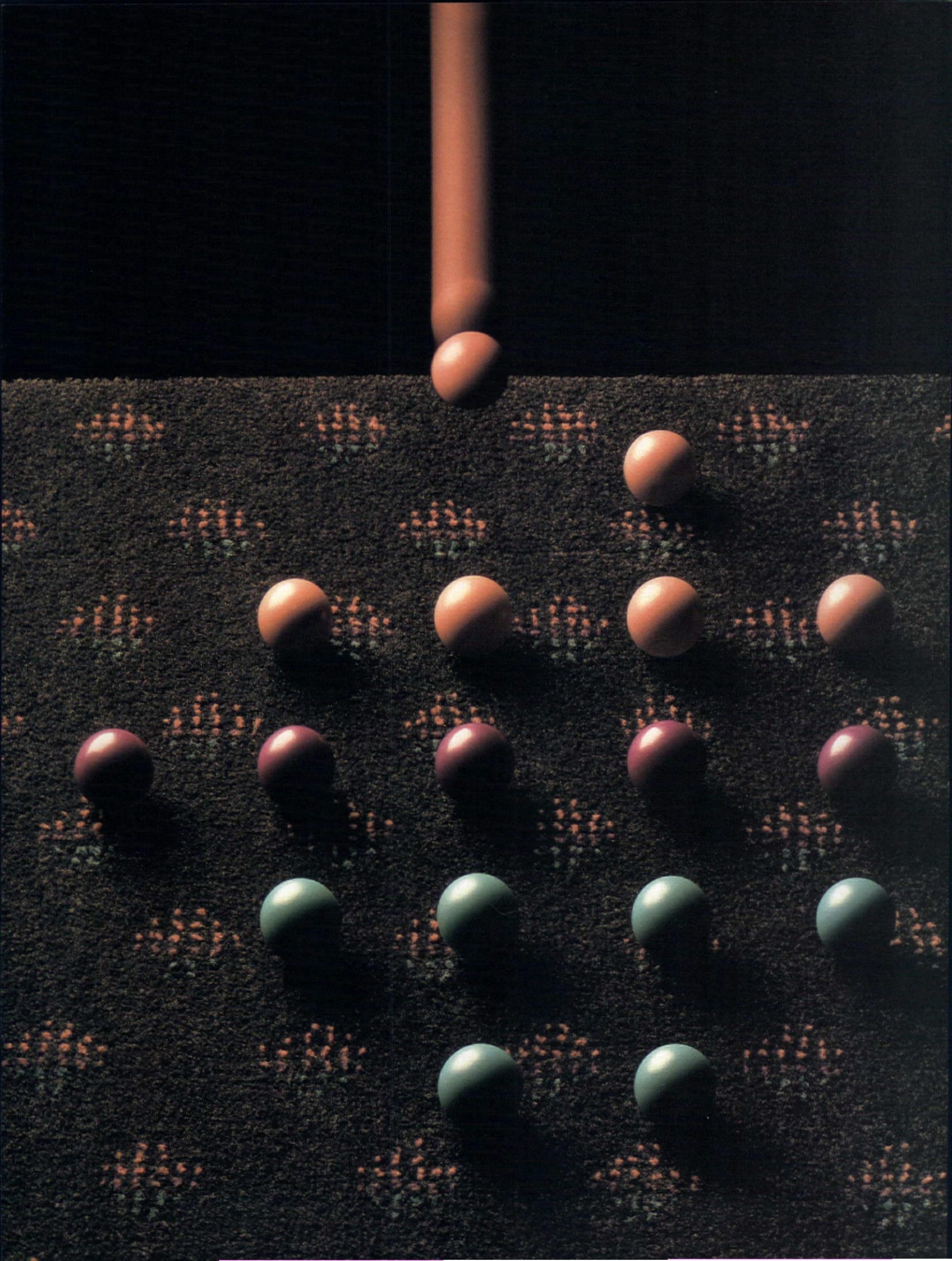


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Joy Jones

CONTRACT
July 1987

OPEN PLAN SERVES BASIC EMPLOYEE NEEDS

Two important open plan installations are shown on the following pages; one illustrates the utility of system windows to expose interiors to the outside, the other shows how Italian design accommodates American office needs. The first is Siemens Energy & Automation Headquarters, near Atlanta; the other is Olivetti with its first research and development PC center in Silicon Valley. Both spell out how integrated open plan design achieves different objectives for employees.

Other open plan-related product presentations—underfloor wiring and signage—precede our 15th Open Plan Directory which is updated and expanded 15 percent to better serve our readers. **THE EDITORS**

Photography by Bob Harr, Hedrich-Blessing.

Color panel fabric in this open plan office (left) coordinates with carpet tiles at Siemens E&A near Atlanta. Interior design was done by Stevens & Wilkinson, Tampa, Fla.



Photography by Bob Hart, Hedrich-Blessing

VIVID COLORS SPARKLE IN SIEMENS' OPEN PLAN

Stevens & Wilkinson create firm's design standards

Developing corporate design standards for Siemens Energy & Automation, Inc., an electronics manufacturer establishing headquarters near Atlanta, Ga., was a major part of the interior design project created by the Interiors/Space Planning/Graphics Division of Stevens & Wilkinson, Atlanta, Ga.

The design firm completed interior design, graphics, and corporate art consultation for the five-story, 110,000-sq.-ft. building housing 230 employees, of which 70 percent work in an open plan environment. The facility includes executive areas on the top floor, a combination of open plan furnishings and private offices on remaining floors, as well as a cafeteria to accommodate 90 people, and related conference rooms.

Interviews with Siemens' employees through questionnaires and other data gathering methods assisted Stevens & Wilkinson in its quest to determine equipment requirements, adjacency requirements, space needs, and even color preferences.

"Because it was decided by Siemens executives that the open plan office would work best to allow employees to look outdoors at an open wooded area with much foliage, Herman Miller's Ethospace system was chosen," says Jack Pruitt, Siemens project manager, and regional manager, Tampa office, Stevens & Wilkinson. "We conducted a number of manufacturer interviews to determine the right system, considering everything from price points to flexible design, and wanted to select the system that would direct people toward the outdoors," he explains, while noting Siemens' mandate to take advantage of the countryside view, with a system complementary to the extensive use of glass on exterior walls.

Ethospace was chosen and applied, using a panel fabric color that coordinates with carpet tiles. Workstations are arranged to provide optimal density, yet the use of glass panels maintains the open feeling.

Custom graphics were created by the design firm as part of a signage system, and installed on workstation glass panels. "When an employee moves to a workstation in a different location of the building, he can just pop out the panel with his name already on it, and install it at the new location," says Pruitt. The signage program has since been transferred to an in-house department which can make new names and logos as personnel changes. Stevens & Wilkinson created this building signage package which identifies specific locations, restrooms, and exits. An exterior sign of brushed stainless steel identifies the building as Siemens and is intended to project the firm's

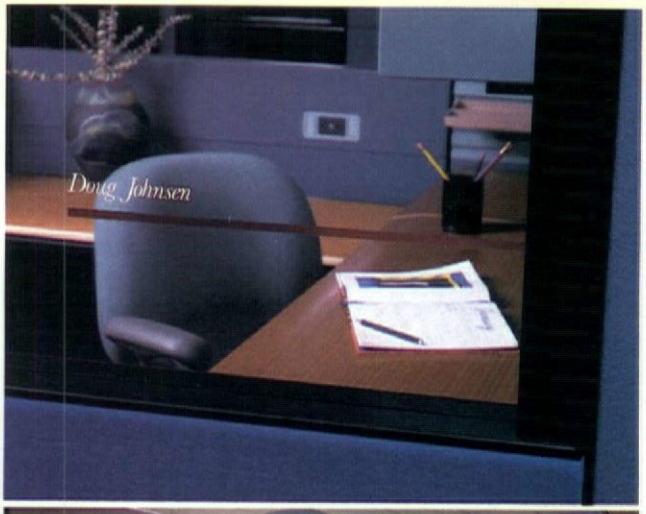
Artwork and large custom reception desk greet visitors to Siemens E & A. Two-story main lobby atrium (opp. page) includes a warm, neutral palette of "flamed finish" marble and English brown oak panels.



Project Notes

Siemens Energy & Automation, Inc., Alpharetta, Ga.
Interior Design: Stevens & Wilkinson, Inc., Tampa, Fla.
Completion date: February 1987 (14 months)
Sq. Ft.: 110,000

Custom graphics designed by Stevens & Wilkinson for Siemens are applied to glass panels identifying workstation occupant (top, right). Typical office floors consist of Herman Miller Ethospace open plan furniture featuring panel fabric that coordinates with carpet tiles (below, right). Symmetrical seating groups in the main lobby (opp. page) are located adjacent to reception desk.





STEVENS & WILKINSON

Custom graphics assist open plan design

progressive image, as it recently merged with the Siemens organization in Germany and Allis-Chalmers Co. in the United States. This facility is the first and largest of a series of buildings that will comprise the "corporate campus."

According to Pruitt, Siemens has filled its ground floor and floors one, two, and three with rich, saturated, open plan furnishings which help coordinate the color palette for the whole design scheme. "As a result, Ethospace creates a monochromatic color scheme for each floor with burgundy, plum, wine, blue, and rust as dominating tones," says Pruitt. Colorful artwork is displayed throughout the open plan floors at the visual intersection of corridors.

A basic background of beige for walls with black trim was applied to each floor, and then dressed up with furnishings and carpet tiles. A transition from working space to public space within the firm's headquarters is created with higher-end lounge seating and impressive, commissioned artworks from several Atlanta-area galleries and artists. Vivid coloration is offered with glass and metal sculptural art, paper and pencil drawings, and mixed media reflecting varied artists' techniques. A large custom reception desk is located in front of a striking piece of sculpture artwork commissioned by Caroline Montague, shown on page 88.

The main lobby features a two-story atrium that divides the elevator core and includes a warm, neutral palette of "flamed finish" marble and English brown oak panels. A rare pink veining defines the marble which was quarried in the Buxy Village in the Burgundy region of France. Millwork panels are delineated with double reveals that complement the exterior facade of the building. Parisian stone, leathers, and wood create a rich lobby, blending the public space design with open plan.

Because this open plan system was designed for computers and workstation terminals, deep-cell parabolic lighting is installed in workspace areas providing an overall desired effect of efficient task lighting. In addition, recessed task lighting is located under filing cabinets, allowing workers to adjust it as needed. Public spaces use incandescent downlight wallwashers, which illuminate artwork or create a path along hallways.

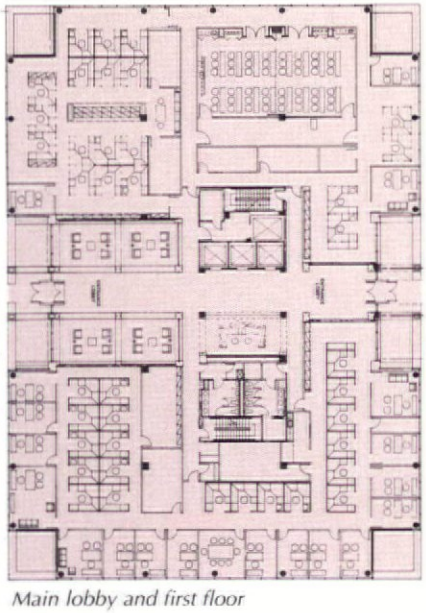
Floors four and five of the Siemens headquarters have not been built out yet, but are planned for executive offices. Further expansion of the facility was in the planning stages throughout design execution, enabling Stevens & Wilkinson to create a clean-lined, flexible, and orderly facility for its client to expand energy and automation services.—*E.McM.*

SOURCES

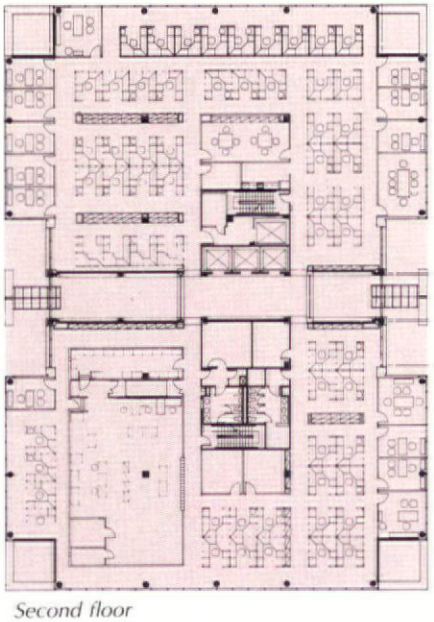
Open plan furniture—Herman Miller. **Workstation seating**—Steelcase. **Carpet**—Milliken. **Reception area: seating**—Brayton. **Tables and desk**—custom. **Carpet**—Shaw Inds. **Marble**—Rocamat. **Floor lamps**—Koch & Lowy. **Bowls**—Ira Shapiro. **Art Sculpture**—Caroline Montague. **Corridor artwork**—Acrylic on canvas—Alice Phillips; Eve Mannes Gallery. **Millwork contractor**—On-Site, Inc. **General contractor**—Cecil Malone.

Building Architect—Cooper Carey. **Interior design**—Stevens & Wilkinson, Inc.: Gwen Osgood, principal-in-charge; Pamela Marshall, director of design; Jack Pruitt, project manager; David Kisner, senior interior designer; Myrtha Vega, senior architectural designer; Kitty Richardson, Randy Franks, interior design coordinators; Barry Worley, graphic designer.

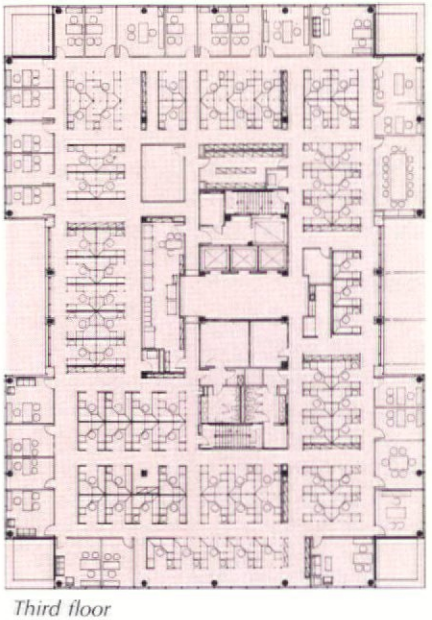




Main lobby and first floor



Second floor



Third floor

QUALITY DESIGN IMPORTED TO SILICON VALLEY

Italian/American dialogue brings classic style to R & D facility



Olivetti had good reasons for wandering so far from home to locate its Advanced Technology Center for personal computer development: The new Cupertino, Calif., project gives the Italian company a presence in Silicon Valley's most progressive R & D district. The Italians, likewise, have given Silicon Valley a much-needed example of an R & D facility that makes a strong design statement.

Gensler and Associates/Architects, San Francisco, was commissioned and an impressive four-story, speculative office building—designed by architects Hellmuth, Obata & Kassabaum (HOK)—was chosen to house the project. Says Chris Banks, project design director, Gensler, "It is one of the first quality-constructed buildings in that area." Putting a typically Italian premium on quality, Olivetti, says Banks, "showed a strong desire for an impressive corporate facility."

Takes inspiration from Italy

In other important ways, the project takes its inspiration directly from Italy; it uses Italian furnishings almost exclusively, and "keeps design simple with strong forms," says Banks.

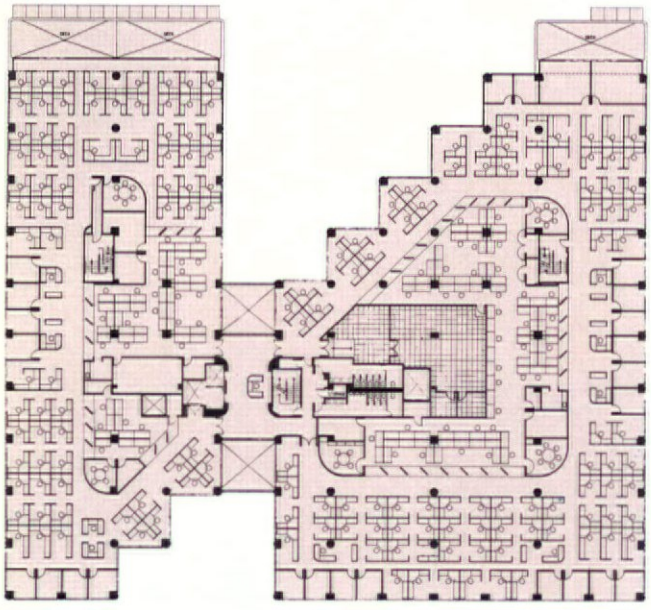
But more typically, the project appears to have been characterized by an enthusiastic Italian/American dialogue. In the tricky process of integrating Italian design into an American context, Banks explains that, "if everyone involved hadn't been

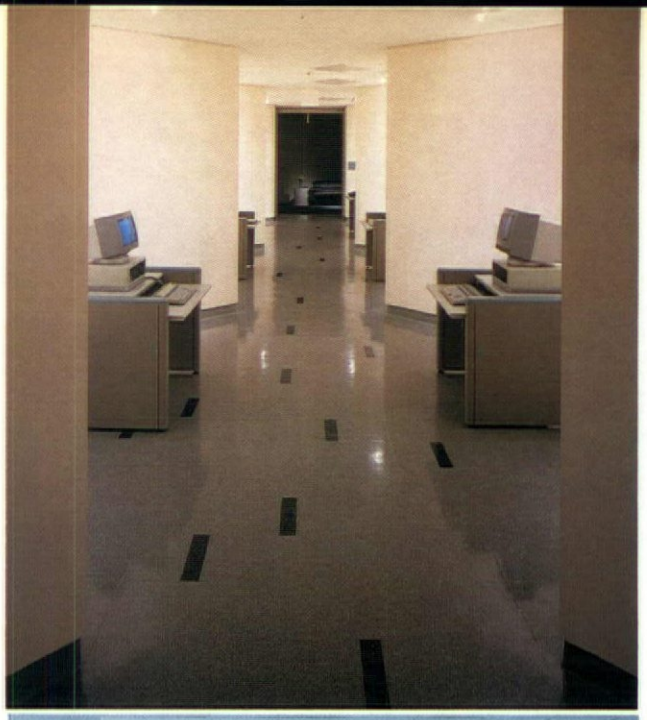


Reception area features curved wall made of perforated metal frequently found in factory ceilings, as well as Fritztile flooring, commonly used in hospitals.

Project Notes

Olivetti, Cupertino, Calif.
Interior design: Gensler & Associates/Architects
Completion date: Initial-April 1985
Expansion—April 1986
Sq. ft.: Initial—60,000
Expansion—15,000
Cost per sq. ft.: $23 (excluding furniture)







OLIVETTI

Italian design in an American context

determined to make this project special, we would have given up many times over."

"Europeans," continues Banks, "have a free-form approach to planning. They don't like the feeling of being boxed in." With one quarter of the facility executive/administrative space and three quarters engineering/technical space (not shown due to its high-security nature), Olivetti's Massimo Zilliani, former president, Advanced Technology Center, especially wanted workspace for the executives and administrators to remain open.

Zilliani's original idea was to forego using cubicles, or boxes, as he calls them, to allow for better interaction among employees. But employees (85 percent American) didn't feel comfortable with this European openness and the resulting panelled systems workstations give the space a decidedly American look.

Another hindrance to openness was that the 60,000-sq.-ft. project (on two floors) had to accommodate 250 employees. The design team minimized the density of the space by incorporating wide primary circulation and panel heights less than 60-in. high into the open plan.

Further, because products being developed at the center frequently change, groupings of executives and administrators shift accordingly. In the course of the project's seven-month development, designers found a universal plan to incorporate these changes, using 16- by 24-ft. groupings of workstations that remain constant. Either an 8- by 8-ft. or an 8- by 12-ft. workstation may fit into the 16- by 24-ft. grouping. This accommodates alterations in staff teams, while keeping circulation and outside system configurations the same.

Some of this structured systems planning is counterbalanced by the lab area design, which was kept "amorphous" so that machine hook-ups could be changed on an ongoing basis. This is very unusual for an R & D facility, where structured, linear lab areas, and open systems areas are standard.

Instead of separating systems areas on the perimeter from central lab areas with a wall, a series of vertical panels ("walls cut and rotated at an angle," says Banks) were used. This deferred to Olivetti's wish to keep the lab—the heartbeat of a research facility—completely visible and accessible. The overall effect, then, is that of an open and balanced total space, not far from the original Italian design inspiration.

First to use company's own furniture

Because Olivetti's Advanced Technology Center in Cupertino is the first American installation to use the Icarus Furniture System (designed and manufactured by Olivetti's furniture division), modifications had to be made in the Italian system. Among these, corner worksurfaces were added and panel electrification was altered to meet U.S. Code requirements.



Photography by Chas McGrath

Unlike American panel systems, most Italian systems come in standard colors (the Icarus system consists of gray/blue, gray/pink, gray, and deep gray), so the overall color scheme for the systems area had to be chosen to complement it. The only real color choice designers had was in the fabric. Because the Italian fabrics did not meet California fire codes, the Gensler design team chose a U.S.-made fabric that brought together the four colors of the panel system.

A tight budget required that most furnishings, lighting, and carpeting be standard with the building. A boldly clad curved wall and a Fritztile floor with black insets in the main lobby are two dramatic exceptions that reflect the Italian habit of using industrial materials in non-industrial settings. The curved wall is made of inexpensive perforated metal frequently found in factory ceilings. While this wall makes an unusual design point, it was also chosen for sound insulation, needed because hard surface walls and flooring were used. Fritztiles, often found in hospitals, gave the lobby flooring a custom look without the expense.

The "butterfly" shape of the building (so called by Banks because it is split in the middle), and some inconveniently placed stairways left no space for a product demonstration room in the lobby area, a standard feature in American R & D buildings. Designers again borrowed from Italy by creating a product gallery, where niches along an axis (in this case running from the lobby to the executive area) hold continually demonstrating personal computers.

The ultimate proof that this Italian/American effort created an impressive design project that works? A 15,000-sq.-ft. expansion done one year later on the fourth floor was virtually identical to the original.—*E.O.*

Corridor separating laboratories from secretary offices (opp., right, bottom). Product Demonstration Gallery (opp., right, top). Floorplan for the second floor (opp., left), and office of the president (above). Advanced Technology Center, featuring Olivetti furnishings.

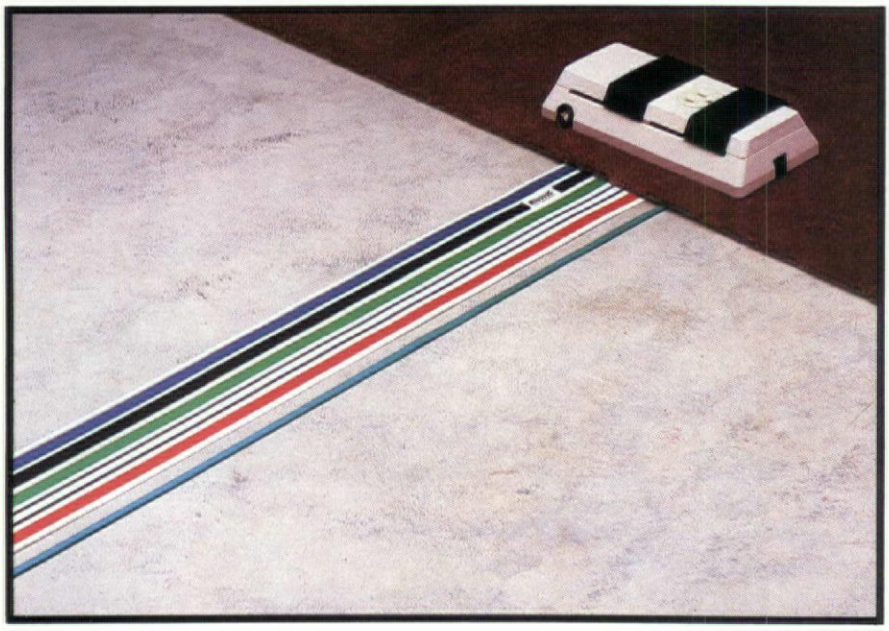
SOURCES

Executive/reception seating—B&B America; **Computer furniture and equipment**—Olivetti; **Chairs, tables & files**—Olivetti; **Reception desk**—custom, Geometry; **Coffee table**—Stendig; **Side table**—Metropolitan; **Panelling system**—Olivetti with Knoll International wallcovering; **Planters**—Living Interiors; **Accessories**—Glassform; **Flooring**—Fritztile; **Metal wallcovering**—Alpro; **Carpeting**—Lees; **Paint**—Fuller O'Brien; **Resilient flooring**—Flexco, Azrock.

Interior design—Gensler & Associates/Architects: Jim Follett; Orlando Diaz-Azcuy; Chris Banks. **Consultants: General contractor**—Cal Prom. **Mechanical engineer**—Critchfield Mechanical, Inc. **Electrical engineer**—P.M. Electric, Inc. **Landscaping**—Living Interiors. **Art**—Museum of Modern Art (San Francisco).

EASY-ACCESS DISTINGUISHES UNDERFLOOR PRODUCTS

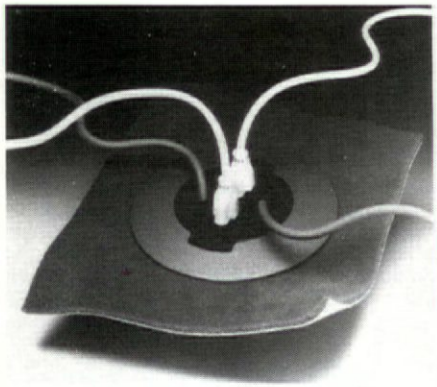
Devices designed for 'power' offices



Pirelli

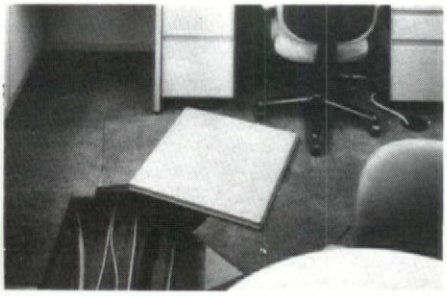
Union





Raceway

Donn





Compass

Pirelli Cable Corp.—Undercarpet cable system is compatible as a universal transition block that fits most flush undercarpet cable wall boxes. A single communications cable has six true twisted pairs, with three or four for the phone and two for data. A balun matches twisted pair cable to the computer terminal for data communication. **Circle No. 325.**

Union Products—Trac Pac 8 is a panel power package with eight wires, four circuits, automatic variable length adjustment, multiple power entry devices, and a multitude of outlet options. Four basic parts install quickly without tools. **Circle No. 333.**

Donn—Wood-Loc access floor system provides strength, stability, and deformation resistance under concentrated rolling loads. Support system secures each floor panel directly to pedestals with four corner fasteners, ensuring structural efficiency while retaining the flexibility to access wires and cables for office maintenance. Particleboard core is encased with galvanized steel. **Circle No. 330.**

Raceway Components—New access floor dual service fittings use a round hole installation instead of traditional rectangular holes, reducing installation costs. A smaller 3¼-in. diameter opening can be slipped in between floor panel ribs so structural integrity is not violated. Unit uses flush plate design of Raceway's Flush Poke-Thru, recently introduced. **Circle No. 327.**

Compass Flooring—The Altro D25 Designer series flooring for high-traffic areas blends quartz crystals with earth tones. Aluminum oxide grains are embedded in flooring material to create slip-resistance. Flooring is resistant to most acids and alkalies and is heat-welded into a single continuous membrane for eliminating bacteria and easy maintenance. **Circle No. 329.**

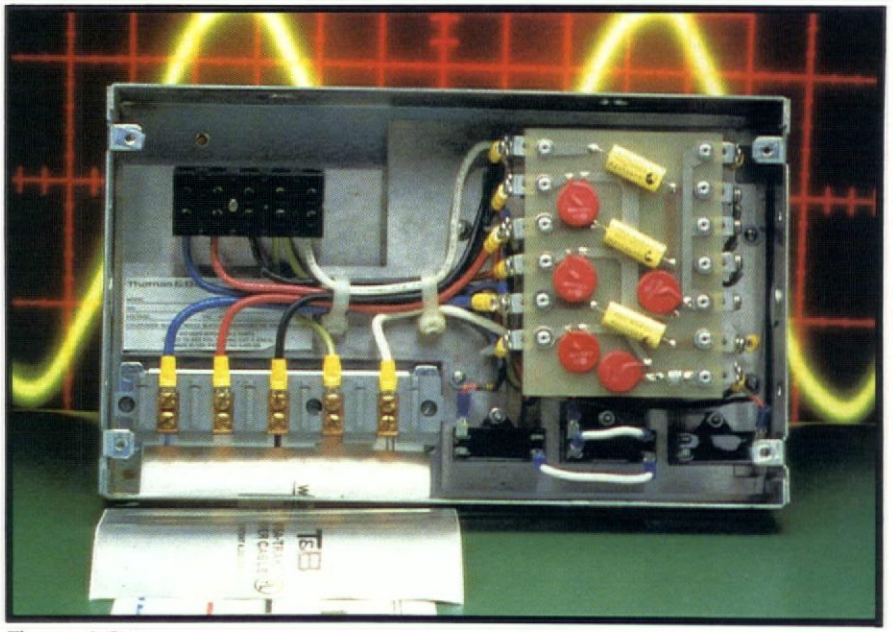
Thomas & Betts—A field-installable power conditioning unit interfaces conveniently with the Versa-Trak undercarpet wiring system in the transition box. Working in conjunction with the low-impedance characteristic of undercarpet power cable, the unit provides a noise-free branch circuit distribution system automatically. Installation at the system's transition box solves the noise problem cost-efficiently by eliminating the need to install separate power conditioning devices on individual items of equipment. **Circle No. 331.**

Floating Floors—Access 2000 is a floating floor system designed to enhance location and relocation of electrical wiring and support services while providing the strength of a conventional concrete floor. Panels are 24-in. square, constructed of reinforced concrete and are supported at each corner on pedestals attached to the subfloor. Panels are supplied with a choice of modular carpet surfaces. **Circle No. 334.**

Hubbell—Isolated ground receptacles in floor-mounted pedestals for undercarpet wiring systems to protect computer and communications equipment are available from the Wiring Device Division. Receptacles use a patented insulating barrier to isolate ground contacts from the mounting strap. The System PDC undercarpet wiring system Power Pedestal and Comination Pedestal can be supplied with 15- or 20-ampere isolated ground receptacles. **Circle No. 328.**

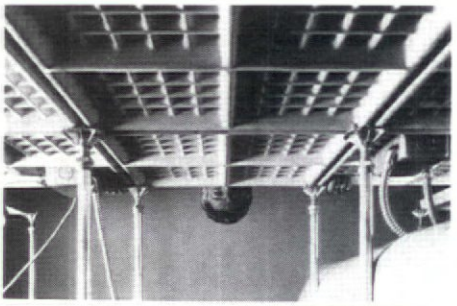
Burndy—Flexway Undercarpet Wiring Systems group has a range of telecommunications products compatible with existing power and data products in the industry. Designed for interchangeability between present and new elements are updated versions of transition boxes, service fittings, and adaptors. Two-pair cable are also available. **Circle No. 326.**

Square D—Cell-Duct Raceway is an underfloor duct raceway designed to be used in the concrete depth of 2½-in. which results in a 1-in. concrete cover over the duct. Features obtained are three service flush floor fittings to accommodate two duplex receptacles and many low tension cables; activating one opening gives access to all three service raceways and lowers maintenance and field labor. **Circle No. 332.**



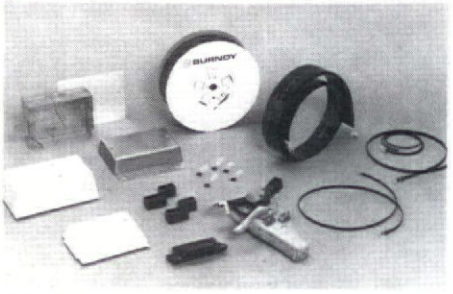
Thomas & Betts

Floating Floors

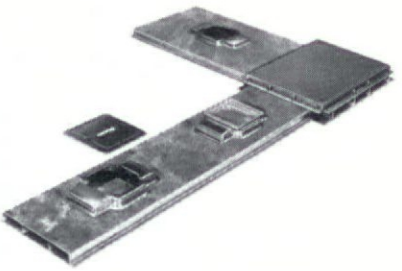


Hubbell





Burndy



Square D

CHILDREN'S SIGNAGE PROGRAM ENTERTAINS MUSEUM-GOERS

Use of gestures as a basis for signs helps communication with facility users





For the Staten Island Children's Museum, New York, the graphic arts firm Works has created a lively and entertaining signage program that relates well to young users of the facility.

By employing hand gestures as cues for the program, Keith Godard, partner in Works, and his associate Mark Donnolo, design assistant, communicate visually with child visitors to the museum. Finger-pointing signs indicate direction; shaking hands signal a welcome at entrances; a hand tipping a hat identifies the coatroom; while one, two, and three upraised fingers reference floor levels.

A chalkboard motif was the chosen format for directory-type signs that list event times and locations. Notes Godard, "The educational, user-friendly value of the chalkboard permits participation since some of the signs can be altered by staff."

He points out that Formica Colorcore, the dominant material used in signage, was playfully adapted to situations requiring a special message. On entries reserved for staff use only, mirrored Colorcore forms a background for a variety of amusing murals.

Hand gestures are cues for the signage program of the Staten Island Children's Museum, Staten Island, N.Y. The program, designed by the New York firm Works, displays a sense of humor in its approach to child users of the facility, encouraging their participation.

Project Notes

The Staten Island Children's Museum,
Staten Island, N.Y.
Interior design: Hannigan/Prendergast
Completion date: Summer, 1986
Square footage: 20,000
Signage design: Works
Signage budget: $38,000





For staff-only entrances, signage designers signalled "off limits" areas by covering doorways with mirrored Colorcore on which murals were displayed. These were keyed to various floor levels, (this page, right).

These vary floor-to-floor and include an underwater theme (bottom level), waving children (level 2), tall animals (third), and the sky and sun on the top floor.

Color coding used by museum architects Hannigan/Prendergast was followed by the signage team which employed compatible colors such as purple, yellow, red, and blue. Works cooperated with the architect in the early planning stages. Says Jeffrey Hannigan, principal, Hannigan/Prendergast, "I appreciate the way the signage complements building design elements. We've collaborated with Works before and we knew its design would display a fun approach suitable to the museum's flavor."

Budget for signage, including fabrication, was a conservative $38,000. Signage contractors were Faro/Walker Fabrication.

Other signs are in production for the museum which formally opened in the summer of 1986. A controversial exterior sign—a giant green hand (and possibly a foot poking out of the ground!)—was proposed by the Works team, but, notes Godard, "We don't know if it will be approved by the local zoning board."

What the English-born Godard values most about his work is a sense of humor. "I try to put it in all of my work, or else it can be bloody boring!" He abhors the prevalent use of international signage programs which pose a straightjacket to creativity, in his view.

Says Godard, "The international signage system implemented in the '70s represents a sterile handicap in Helvetica. Designers are stuck with a dated style when clients insist upon using the international standard. Some situations demand a use of the local vernacular, especially in humane interactive environments."

A graphic design firm, Works has been in business since 1968. Other projects completed by the firm include the Brooklyn Bridge Centennial Exhibit, and U.S. Custom House Exhibit near Bowling Green, New York, plus the P.T. Barnum Museum. Godard has designed books and catalogs to accompany exhibitions at the Museum of Modern Art, New York; the next one is a book planned for an upcoming Norman Foster exhibit, covering the work of the English architect.—*R.W.*

SOURCES

Signage laminate—Formica Colorcore.

Signage design—Works: Keith Godard, partner; Mark Donnolo, design assistant. **Fabricators**—Faro/Walker Fabrication. **Architecture & design**—Hannigan/Prendergast.

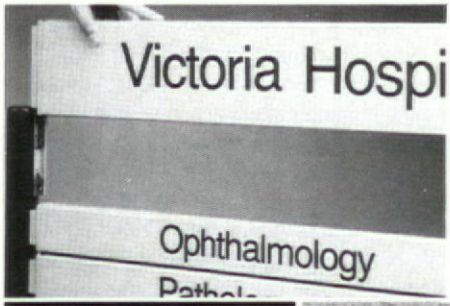
SIGNAGE SYSTEMS BROADEN TO OFFER VARIED SOLUTIONS

Neon boards, interchangeable modules featured among new products

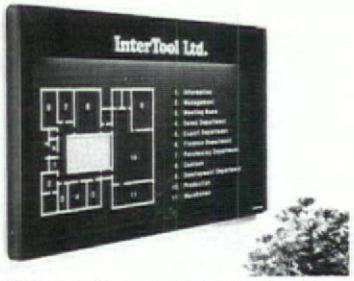


Vomar

Leteron



Modulex





Innerface



Apco



Open Plan Accessories

Vomar—AM Series is a modular signage system made of extruded aluminum. Plaques slide onto base tracks, allowing message strips to be changed quickly. Available in a variety of sizes and color finishes. **Circle No. 201.**

Leteron—A new series of exterior signs and directories with maximum flexibility are available from Visual Information Systems, a division of Leteron. Each sign features an interlocking aluminum panel that slides up-and-out of side posts for quick rearrangement or updating. Signs can be back-lighted or illuminated from the top. **Circle No. 206.**

Modulex—Multi-Cabinet comes in a smooth steel back plate with magnets to accommodate posters and menus, or with studded back plate to which interchangeable letters can be affixed. Available in wall-mounted or freestanding units, the cabinet comes in a variety of shapes and colors. **Circle No. 335.**

Innerface—Interior signage system is modular and changeable, featuring a special key that permits removal of an inside portion of the sign quickly and easily. **Circle No. 336.**

Apco—Suspended ceiling module is a seamless molded fiberglass structure available in three sizes and corner shapes. Because the module is lightweight, it requires no additional ceiling support and drops into standard grids. Graphics may be illuminated using permanent or changeable messages. **Circle No. 205.**

Open Plan Accessories—System 2/90 signage ceiling cube features changeable inserts. Sizes range from 2-, 3-, and 4-in. by 2-, 3-, and 4-in., respectively, to accommodate any ceiling grid. **Circle No. 209.**

Scott Plastics—Scott Elites is a new addition to the company's line of plexiglas letters. Available in a variety of color combinations, letters have a raised border edge with subsurface face. **Circle No. 203.**

Spandex—Slatz system and Graphix 2 desktop lettering computer provide a versatile "in-house" signage system. Made of extruded aluminum faceplates and injection-molded hardware, the system can be assembled to make signs for walls, doors, desks, and directories. Lettering can be produced up to 2-in. with the Graphix 2 microprocessor. **Circle No. 207.**

Brite Write—Self-illuminating message board utilizes a fluorescent lamp situated along an edge of specially treated acrylic. Light in the acrylic causes anything written on the face panel with water soluable crayons to glow like neon. The board is UL listed and CSA certified. **Circle No. 202.**

AGS—Rule system offers a customized signage package for healthcare or corporate interiors. Lines are silk-screened onto surface. All other graphics are subsurface. Changeable inserts are white acrylic with surface silk-screened graphics. **Circle No. 211.**

Xebron—Write-A-Light Neo II is an improved version of the company's erasable, illuminated information board already on the market. The flush, or subsurface, mount gives the board a video screen effect, as only the sheet itself is visable. Removable background provides easy customization, UL-approved, the board uses a standard fluorescent lamp. **Circle No. 200.**

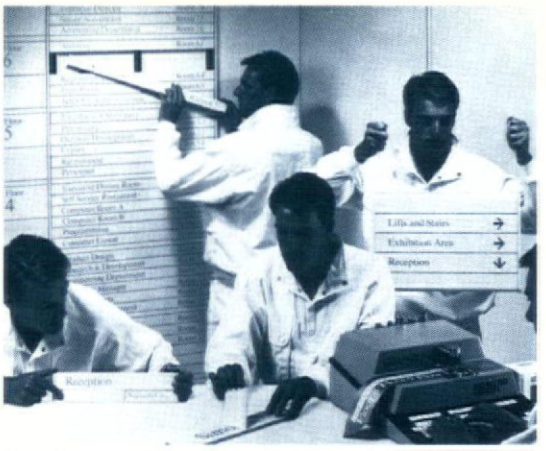
Best Manufacturing Co.—Model 4000 wood frame directory now comes in a two-door edition. Available in a variety of wood stains. **Circle No. 208.**

Commercial Interior Products (CIP)—Charter Oak aisle directories are shown in three finishes combined with a clear satin lacquer coat and solid brass hardware. **Circle No. 210.**

Varitronic Systems—Merlin Express presentation lettering system is a quiet, portable lettering unit that produces type on adhesive-backed tape. Weighing approximately 10 pounds, the unit generates up to 18 characters per second when using eight-point type. **Circle No. 204.**



Scott Plastics

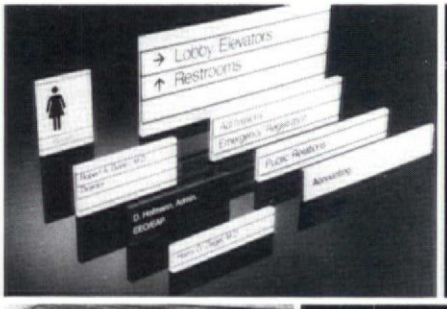


Spandex



Brite Write

AGS

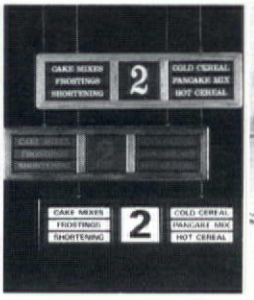


Xebron





Best



CIP



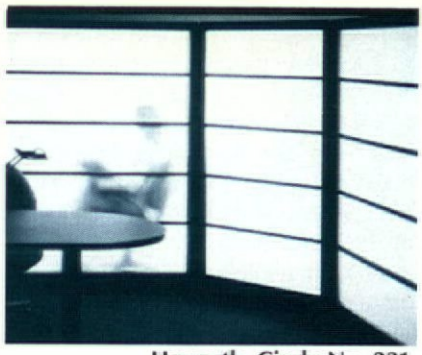
Varitronic

OPEN PLAN DIRECTORY

400 sources listed in updated guide

CONTRACT lists 400 open plan systems product and service supplier sources in this latest comprehensive open plan directory. Supplier listings have increased by 15 percent—up 60—from last year's directory, an indication of the continuing interest in open plan furnishings, despite an increase in private office spaces.

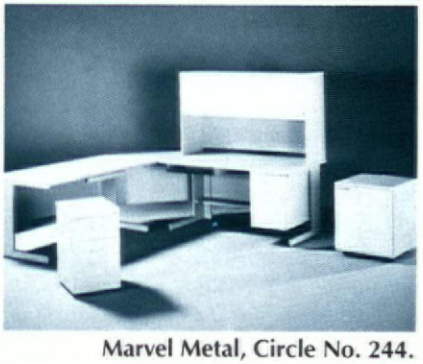
As evidenced by new introductions at NEOCON in Chicago last month, there is a decided "new look" in open plan systems furniture that ranges from interesting panel window placements to new panel designs that invite specifier design involvement. For both client and specifier, enhanced communications remains important in office specifications, with open plan systems functioning as both the medium and the message.



Haworth, Circle No. 231.



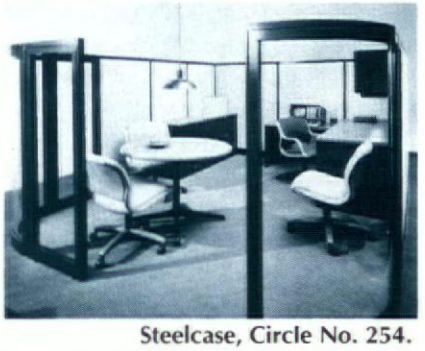
Invincible , Circle No. 236.



Marvel Metal, Circle No. 244.



Center Core, Circle No. 220.



Steelcase, Circle No. 254.



Herman Miller, Circle No. 234.

CATEGORIES

Acoustical Ceiling Systems 126
Acoustical Panels, Wall-Mounted 120
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Telephone & Power Systems 129
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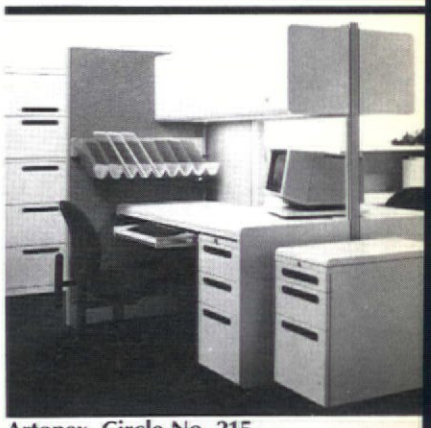
Knoll, Circle No. 239.

OPEN PLAN DIRECTORY

FREESTANDING SPACE DIVIDERS

FIRM	Height	Width	Custom Capability	Acoustical Ratings	Fire Ratings	Shape: Straight	Shape: Curved	Radius	Inner Frame Construction: Aluminum	Fiberboard	Fiberglass	Hard/Flakeboard	Honeycomb	Steel	Wood	Other
Abstracta Structures Inc.	to spec	to spec	●	to spec	steel frame	●								●		
Acme Office Group	various	various	●	various		●	●		●			●	●		●	
Acoustical Partitions Corp.	42-102"	12-120"	●	NRC .90, STC 24, NIC 22	Class A	●	●				●		●		●	
Advance Design Panel	60-72"	24-60"	●	NRC .65, STC 28, NIC 25	Class A	●	●	24"							●	
Advance Office Concepts	42-84"	18-60"	●	NRC .65, .85	Class A	●	●	24", 60"						●		
Allsteel Inc.	33-80"	18-60"		NRC .80, NIC 21, STC 23	Class A	●	●	15"						●	●	
Alma Desk Co.	32-85"	18-42"	●	NIC 18, NRC .70, STC 31	Class A	●	●					●			●	
American Seating	32-80"	18-60"	●	NRC NIC STC	Class A	●	●	24"			●			●		
Amstore Systems	32-80"	18-60"	●	NRC .80, STC 27	Class A	●	●	30"	●		●			●		
Artec, Div. Kimball Int'l.	36-84"	18-48"	●	NRC .80, STC 26, SPP 60 or greater	Class A (Fabric), Class B (Wood panels)	●	●	24"	●					●		
Artmet Products	42-80"	20-60"	●	NRC .85, STC 31	Class A	●	●	24", 30"						●		
Artopex Inc.	41-80"	20-72"	●	NRC .85, STC 20	Class A	●	●	26"	●	●				●		
Aspects Inc.			●	NRC .85	Class A	●	●								●	
BIF Inc.	47 11/16", 63 15/32"	17¾-36"	●										●	●	●	
Baker Furniture	30-84"	18-36"	●			●	●			●					●	
Benedetti Corp.	42-66"	18-60"	●	NRC .87, STC 40	Class A	●	●	24"	●							
Beylerian	53¼-87"	14½, 29¼"				●	●					●				
Biltrite Nightingale	39-80"	20-72"	●	NRC .85, STC 22		●	●	20-31"		●	●	●		●		
H.L. Birum Corp.	33-72"	12-72"	●	NRC .85, NIC 21, STC 25	Class A, fabrics, vinyls & acoustical core	●	●	30"	●			●				
Borroughs Manufacturing Corp.	42-76"	18-60"		NRC .85	fire retardant		●		●							
Brayton International	72"	36"				●						●				
Brewster Corp.	42-84"	18-96"	●	NRC .90 NIC 22 STC 25	Class A ASTM E-84	●									●	
Cano Corp.	42-84"	18-72"	●	NRC .90	Class A	●	●		●		●		●			
Castelli Furniture	43", 65"	20-32"	●			●	●								●	
Center Core Inc.	30-84"	12-30"	●	NRC .90	Class A				●						●	
Check-Mate Interior System Inc.	48-72"	24-72"	●	NRC .65 & up STE 31	Class A	●									●	
Claridge Products	78"	96"	●			●	●					●				
Cole Office Environments	34-84"	12-60"	●	NRC .80	Class A	●	●	24"	●				●	●		
Contemporary Products Inc.	36-120"	18-60"	●	NRC .90, STC 25	Class A	●	●	90°	●		●	●	●			

Edge Trim								Base Hardware		Core Material						Outside Material								Level Adj.		
Aluminum	Fabric	Self-welt	Steel	Vinyl/Plastic	Wood	Other	Provision for Interlock.		Fiberglass	Hard/Particleboard	Honeycomb	Wood	Mineral Wood	Other	Carpet	Fabric	Glass	Steel	Wood	Vinyl/Plastic	Other	Horizontal	Vertical	Self-Adjusting
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						●	●	wood		●					●	●		●					●	
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						●	●	snap-on base plate w/knock-out for power						●							●			●
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		●				●	●								●	●	●			●			●	
	●						●	metal-3 colors available	●							●							●	
						●		mirror, chrome		●									●	●			●	
		●		●	●		●	aluminum	●	●						●	●					●		
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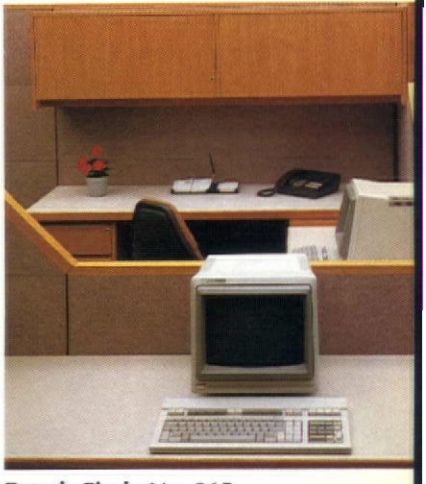
Artopex, Circle No. 215.



Benedetti, Circle No. 217.



Harter, Circle No. 232.



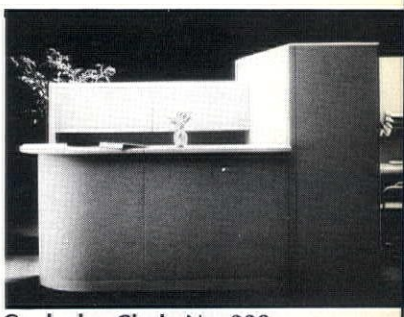
Dynel, Circle No. 265.

OPEN PLAN DIRECTORY

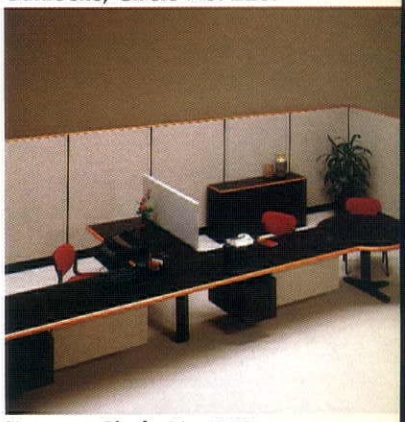
FREESTANDING SPACE DIVIDERS

FIRM	Height	Width	Custom Capability	Acoustical Ratings	Fire Ratings	Shape			Inner Frame Construction								
						Straight	Curved	Radius	Aluminum	Fiberboard	Fiberglass	Hard/Flakeboard	Honeycomb	Steel	Wood	Other
Conwed Designscape	48-72"	24-60"	●	NRC .60, .85	Class A	●	●	60"				●			●	
Corry Hiebert	30-80"	18-48"	●	NRC .80	Class A	●	●	26"			●			●	●	
Cramer Inc.	30-80"	12-72"	●	NRC .85, STC 21	Class A	●	●	24"						●		
Creative Dimensions	60-80"	24-48"	●		NFPA STD 701, ASTM-E-84					●			●		●	
Croydon Furniture Systems	54-72"	18-60"	●	ASTM .85, STC 23	Flamespread 15, Fuel Con. 0 Smoke dev. 50	●	●	84"						●		
Danwood Design	29-80"	12-72"	●	NRC .78, STC 21	Class A	●	●	30"	●	●						
Datum Filing Systems	48-60"	24-60"	●	NRC .85	Class A	●								●		
Davis Furniture Inds.												●	●		●	
Decoustics Ltd.	to 108"	to 48"	●	NRC .70-1.0	Class A	●	●	6" +		●	●					
Delta Mfg. and Sales	48-72"	24-60"	●	NRC .85	Class A	●	●	56"		●		●				●
Design Group Inc.	42-65"	18-60"	●	NRC .85, STC 20		●					●				●	
Domore Corp.	32-80"	18-60"	●	NRC .85, STC 24	Class A based on ASTM-E-84	●	●	12" R extended 24" panel			●			●		
Donn Corp.	various	24-48"	●	NRC .65, STC 35-44	Class A	●								●		●
Drier/Div. MTS Seating	42-80"	12-60"	●	NRC .85	Class A	●	●				●					
Dynel International	30-86"	16-72"	●	NRC .85 STC 33	Class A	●	●	32"	●		●	●			●	
Ebco Contract Furniture	76"	31-61"				●						●				
Elite/Biltrite	40-80"	20-62"	●	NRC .85, STC 27		●	●				●	●		●		
Executive Office Concepts	30-80"	12-60"	●	NRC .80, STC 15	Class A, UL listed	●	●	24-30"			●	●			●	
Filing Equipment Inc.	30-90"	15-48"	●	NRC .80	Class A	●						●	●	●		
Flex-Y-Plan	32-96"	6-63"	●	NRC .85, STC 21	Class A	●	●	90° & 45°						●		
Frank Eastern Co.	42-96"	24-73"	●	NRC .50, .70, .90		●	●									
General Mica	30-72"	12-42"	●			●						●				
GF Furniture Systems Inc.	32-79"	12-60"	●	NRC .75, STC 21	Class A ASTM-E-84	●	●	24"						●		
The Gunlocke Co.	29-79"	20-48"	●	NRC .75, STC 22	Class A	●	●	15"			●		●		●	
HLF Furniture Inc.	32-80"	18-60"	●			●	●								●	
Haller Systems Inc.	Custom	Custom	●											●	●	
Hardwood House Inc.	42-80"	18-42"		NRC .85, STC 24	ASTM des. C-433-66 & E-90-75	●	●	30-36"			●	●				
Harmon	42-78"	18-48"	●	NRC .85		●	●	24-30"							●	
Harter	42-80"	12-60"	●	NRC .85, .80, .90 NIC 20, STC 29	Flamespread 0, Smoke dev. 5, Class A	●	●	24"	●		●	●				
Haworth Inc.	35-80"	12-60"	●	NRC .80, STC 29	Class A	●	●	24"						●		

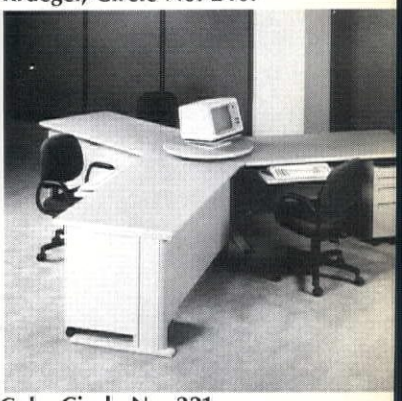
Edge Trim							Base Hardware		Core Material						Outside Material							Level Adj.		
Aluminum	Fabric	Self-welt	Steel	Vinyl/Plastic	Wood	Other	Provision for Interlock.		Fiberglass	Hard/Particleboard	Honeycomb	Wood	Mineral Wood	Other	Carpet	Fabric	Glass	Steel	Wood	Vinyl/Plastic	Other	Horizontal	Vertical	Self-Adjusting
●			●				●	T-feet stabilizers or glide levelers	●								●	●			●			●	
	●	●	●	●	●		●	steel	●							●			●		●	●	●	
					●		●						●			●		●		●	●		●	
●							●	steel foot								●							●	
	●				●		●	chrome	●	●						●			●	●			●	
					●		●	aluminum	●		●					●	●		●	●			●	●
			●				●		●							●								●
					●					●	●					●			●		●		●	
●	●	●		●			●	various	●							●				●		●	●	
●							●	5 options	●		●					●						●	●	
					●		●	wood exposed base	●			●				●			●				●	
●							●						●			●						●		
			●				●	PVC						●				●						●
●							●	bases & available raceways	●	●						●						●	●	
					●		●	raceway, veneer	●			●				●			●			●		
					●		●	cover		●										●			●	
●	●							baseplates	●							●	●		●			●	●	
	●				●		●	all-metal w/wood veneer facings, polyurethane or plated finishes	●	●						●	●		●			●	●	
			●				●		●		●				●	●	●			●		●	●	
●							●		●		●				●					●		●	●	
							●		●	●	●	●				●						●	●	
					●		●	wood or metal		●												●		
			●				●	base covers w/ knockout covers	●		●					●	●	●	●				●	
					●		●	veneer on steel, chrome, bronze	●							●			●		●		●	
					●		●		●							●						●	●	
							●														●	●	●	●
					●					●						●			●			●	●	
	●				●		●		●							●			●				●	
●					●		●		●	●						●				●			●	
●					●		●	panel support leg or self-supporting	●		●					●	●		●	●		●	●	



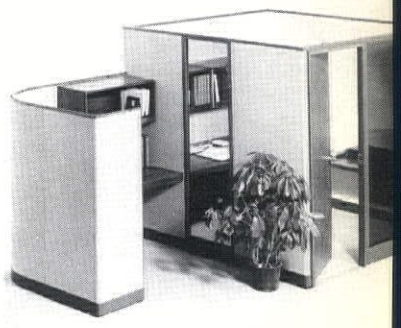
Gunlocke, Circle No. 228.



Krueger, Circle No. 240.



Cole, Circle No. 221.



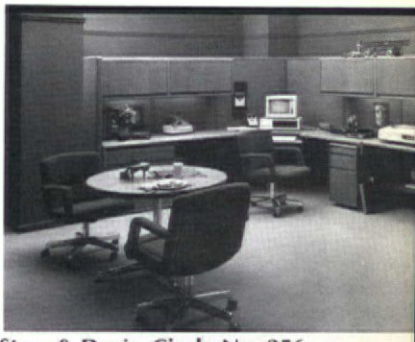
Contemporary Products, Circle No. 266.

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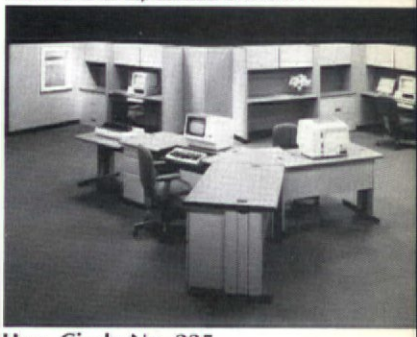
FREESTANDING SPACE DIVIDERS

FIRM	Height	Width	Custom Capability	Acoustical Ratings	Fire Ratings	Shape: Straight	Shape: Curved	Radius	Inner Frame Construction: Aluminum	Fiberboard	Fiberglass	Hard/Flakeboard	Honeycomb	Steel	Wood	Other
Helikon Furniture Co. Inc.	29-72"	12-79"	●			●	●				●				●	
Hemisphere Steel	39-84"	12-72"	●			●			●		●	●	●	●		
Hon Company	15.5-62"	30-79"									●			●		
Hoover Systems	42-82"	18-72"	●	NRC .85, NIC 20	Class A	●	●	84"	●					●		
Hund Office Furniture			●	NRC		●	●							●		
I.E.M. Marketing	102-160 cm	40-80 cm				●	●			●				●		
iil International	38-80"	24-48"		NRC .75	ASTM E-84	●	●	24-30"			●	●			●	
Indal Furniture Systems	40-80"	12-60"	●	NRC .80		●	●				●			●		
Insul-Art Acoustics Corp.	96"	60"	●	NRC .90	Class A	●				●						
Interact/Acoustical Screens Corp.	56-72"	36-72"	●	NRC .85, STC 19	Class A	●	●	24-30"			●	●		●	●	
Interior Woods Inc.	42-80"	18-60"	●	NRC .85	conforms to UL 723	●	●								●	
InterRoyal Corp.	47-72"	24-72"		NRC .85	Class A	●	●	84"						●	●	
Invincible Metal Furn. Co.	43-79"	24-60"	●	NRC .65	ASTM-Class 1 or A	●	●	24"					●	●		●
Jackson Northeast Inc.	36-96"	12-60"	●		Class A	●				●			●		●	
Jansko	42-72"	24-72"	●	NRC .65, 80		●	●	30"	●	●	●					
Jofco Inc.												●	●		●	
Knoll International	42-74"	24-60"	●	NRC .8, STC 20	ASTME-84 Class A flamespread	●					●	●		●		
Krueger Inc.	42-80"	18-48"	●	NRC .90, STC 22	Class A	●	●		●		●					
Krug Furniture Inc.	43-82"	18-60"	●			●	●	24"	●							
LBF Office Systems	34-84"	12-60"	●	NRC .85, STC 21	Class A Flame 10	●	●		●		●	●	●	●		
Lamica Corp.			●			●	●			●	●	●	●		●	
Laminates Unlimited Inc.	60-84"	to 60"		NRC .90 STC 22	Class A	●	●	24"								●
Lehigh Leopold				NRC .85	Class A	●	●		●	●	●	●	●	●		
Litton Business Furniture (LBF)	34-84"	12-60"	●	NRC .85, STC 21	Class A	●	●		●		●		●	●		
Lombardo & Co.			●		NYC MEA, 0 flame, 0 smoke	●	●									●
Lunstead Inc.	44-80"	18-60"	●	NRC .85, STC 24	Class A	●	●							●		
Madison Furniture Co.	27-29"	30"	●	NRC .90 STC 27	Class 1	●	●	24"		●	●	●		●	●	●
MPC Inc./Noise Control	60"	60"	●	NRC .75, to 1.0	Class A	●			●	●	●					
Magna Design Inc.	30-68"	21-62"	●	NRC .85, STC 21		●	●	24"				●				
Major Partitions	36-72"	12-60"	●	NRC .60	Class A	●				●			●			●
MAX by Amstore	32-80"	12-60"	●		Class A	●	●		●							
Metalstand Co.	42-80"	12-60"	●	NRC. 85	Class A	●	●							●		

Edge Trim								Base Hardware		Core Material						Outside Material							Level Adj.		
Aluminum	Fabric	Self-welt	Steel	Vinyl/Plastic	Wood	Other	Provision for Interlock.		Fiberglass	Hard/Particleboard	Honeycomb	Wood	Mineral Wood	Other	Carpet	Fabric	Glass	Steel	Wood	Vinyl/Plastic	Other	Horizontal	Vertical	Self-Adjusting
					●		●	aluminum	●			●					●			●				●	
●			●				●	steel	●		●					●	●	●		●		●	●	
	●				●			steel	●							●			●			●		
	●						●	black	●							●							●	
●	●	●		●	●		●		●					●		●						●	●	●
			●		●		●					●				●						●		
							●	steel		●						●			●				●	
					●			steel	●	●						●			●			●	●	
●				●			●		●							●						●		
	●						●		●							●								●
	●	●			●	high pressure laminate	●	metal	●	●		●				●	●		●			●	●	
	●				●		●	metal	●							●	●		●				●	
	●				●		●	legs & feet	●							●						●		
	●		●		●		●	steel			●			●		●	●	●	●	●		●	●	●
		●			●		●				●					●	●		●			●		
				●	●		●	steel	●	●						●				●		●	●	
					●		●			●	●	●							●			●	●	
		●	●				●	steel raceway	●	●					●	●	●		●	●				●
					●		●	steel/plastic	●							●	●						●	
	●				●		●	chrome	●							●			●			●	●	
●		●	●	●			●	thumb screws	●	●	●				●	●		●		●	●	●	●	
	●	●		●	●		●		●	●	●	●			●	●			●	●		●	●	
				●			●		●							●							●	
					●		●	metal								●	●		●				●	
			●				●		●		●				●	●	●	●		●	●	●	●	
●	●	●	●	●	●		●							●							●			●
					●		●	chrome, wood, brass	●								●		●				●	
	●	●		●	●		●		●	●						●				●		●	●	
	●				●				●	●						●							●	
							●		●		●				●	●				●		●	●	
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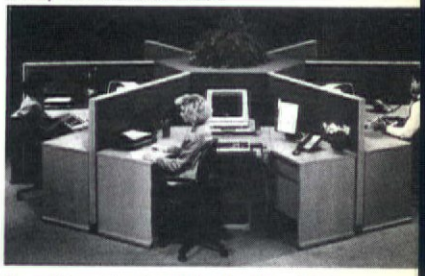
Stow & Davis, Circle No. 256.



Hon, Circle No. 235.



TAB, Circle No. 255.



Hamilton Sorter, Circle No. 229.

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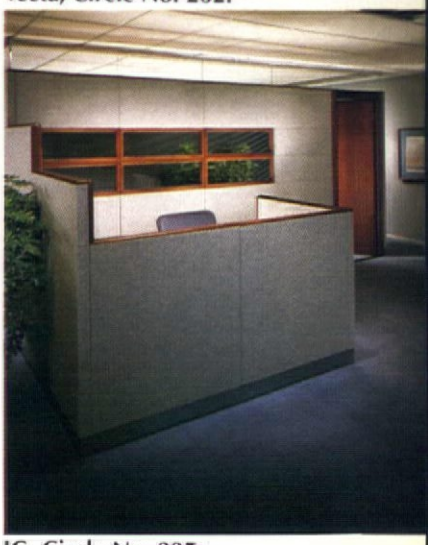
FREESTANDING SPACE DIVIDERS

FIRM	Height	Width	Custom Capability	Acoustical Ratings	Fire Ratings	Shape: Straight	Shape: Curved	Radius	Inner Frame Construction: Aluminum	Fiberboard	Fiberglass	Hard/Flakeboard	Honeycomb	Steel	Wood	Other
Herman Miller Inc.	34-80"	12-48"	●	NRC .80	Class A	●	●							●		
Mode Corp.	42-80"	12-72"	●	NRC .85, STC 24	Class A	●	●	24"	●							
Modern Mode Inc.	32"-96"	24-72"	●			●	●	3"			●				●	
Modern Plastics			●			●	●					●			●	
Modu-Build Inc.	39-96"	18-72"	●	NRC .90	Class A	●	●				●			●		
Modular Designs Inc.	42-80"	18-48"	●	NRC .90	U.L.	●	●	24"	●		●			●		
Monning Partitions Inc.	various	various	●	various	various	●							●	●		
Multiplex Display Fixture	78"	36", 48"				●				●						●
National Office Furniture	48-66"	30-60"		STC 23	Class A	●									●	
Nello Systems Co. Inc.	48-84"	24-60"	●	NRC .85, STC 26, NIC 22	Class A	●								●		
Nelson-Adams Co.	42-72"	12-72"	●	NRC .85	Class A	●	●	24", 66"							●	
Glen O'Brien Movable Partition Co.	48-72"	12-60"	●	NRC .85, .90	S-85 flamespread 10 smoke dens. -0, S-90 flame 15	●									●	
Office Suites	29-78"	12-60"	●	NRC .85, STC 28	Class A	●	●				●	●	●		●	
Open Office Products Inc.	all	all	●	NRC .85, NIC 21/23	Class A	●	●	80							●	
Optimum Ergonomics Ltd.	54-60"	30-72"	●			●						●		●	●	
PCI/Tandem	30-80"	20-60"	●		Class A	●	●				●			●	●	
Packard Inds. Inc.	40 -120"	18-66"	●	NRC .85, SPP 62	Class A	●	●	24"								
Panel Concepts	40-84"	12-84"	●	NRC .85, STC 20	Class A	●	●	24"	●							
Peter Pepper Products	60-84"	42"	●	none			●								●	
Pleion	42-80"	24-72"	●	NRC .90	Class 1	●	●	24"			●					
Polychromic Designs	39-72"	18-72"	●	NRC .55, .65,.85	Class A	●				●	●			●	●	
Precision Mfg. Inc.	42-80"	12-72"	●	NRC .85, STC 27	Class A	●	●	4"	●		●				●	
Prima Products	24-108"	12-108"	●	NRC .91	Class 1	●	●	24-36"							●	
Ram Partitions/Div. Indal Ltd.	54-76"	60-72"	●	NRC .90, STC 20		●	●	96"						●		
Reff Inc.	30-80"	12-72"	●	NRC .85, STC 21	UL approved	●	●	24", 32"								
Rockaway Inc.	various	various	●	NRC .85, STC 26	yes	●					●		●	●		
RoseJohnson	31-81"	18-60"	●	NRC .85, STC 28	Class A	●	●	24", 30"							●	
Rosemount Office Systems Inc.	43-80"	24-60"	●	NRC .80, STC 26	Class A	●	●				●	●	●		●	
Round Office/Rodegard Assoc.	56-71"	36-48"				●	●	36", 95"	●						●	

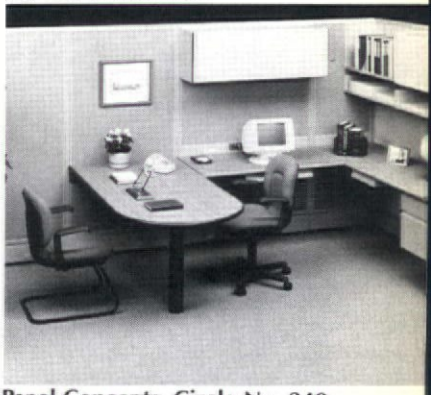
Edge Trim								Base Hardware		Core Material						Outside Material							Level Adj.		
Aluminum	Fabric	Self-welt	Steel	Vinyl/Plastic	Wood	Other	Provision for Interlock.		Fiberglass	Hard/Particleboard	Honeycomb	Wood	Mineral Wood	Other	Carpet	Fabric	Glass	Steel	Wood	Vinyl/Plastic	Other	Horizontal	Vertical	Self-Adjusting
			●				●									●	●	●	●	●	●		●	
●			●		●		●		●		●				●	●	●			●			●	
					●		●		●	●						●	●		●	●	●	●	●	
				●	●		●			●											●			
	●			●	●		●	metal	●					●		●							●	
	●				●		●	polished brass, chrome & antique bronze	●							●	●		●				●	
	●		●	●	●		●				●		●		●	●	●	●		●		●	●	●
			●				●	brackets								●				●	●		●	
				●		steel				●	●					●							●	
	●		●		●		●		●							●						●		
		●			●		●		●							●						●	●	
●							●		●	●	●					●				●				
					●		●	chrome & brass		●									●					
	●	●			●			raceway & UL electrical components	●							●							●	
			●		●		●		●	●		●				●		●	●			●	●	
●					●		●		●							●	●		●			●		
			●				●	steel	●		●				●	●	●	●	●	●		●	●	
●							●	adjustable glide feet & spread feet	●							●	●						●	
			●				●	adjustable glides				●							●			●		
			●				●	steel connectors	●							●					●		●	
	●			●			●	legs or glides	●				●			●							●	
	●					●	●	raceway, base channel, cast base	●			●				●					●	●	●	
						●	●		●	●						●						●	●	
	●				●	●	●	chrome, steel	●							●						●	●	
					●	●	●		●			●				●	●		●	●			●	●
				●			●				●		●			●		●					●	
							●	3½" high removable baseplates	●	●						●	●		●				●	
				●	●		●	levelers	●	●		●				●							●	
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Vecta, Circle No. 262.



JG, Circle No. 237.



Panel Concepts, Circle No. 249.



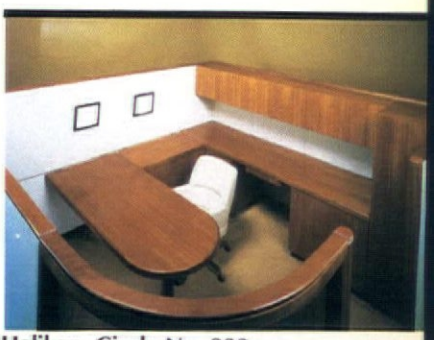
Tibbet, Circle No. 267.

OPEN PLAN DIRECTORY

FREESTANDING SPACE DIVIDERS

FIRM	Height	Width	Custom Capability	Acoustical Ratings	Fire Ratings	Shape		Radius	Inner Frame Construction							
						Straight	Curved		Aluminum	Fiberboard	Fiberglass	Hard/Flakeboard	Honeycomb	Steel	Wood	Other
Samsonite Furniture Co.	43½-71½"	51¼", 75¼"		NRC .5		●									●	
Scandiline	42-78"	20-48"	●	NRC .75, STC 27	Smoke density 35, Fuel 15, Flame spread 5	●								●		
Shaw-Walker	40-76"	19-48"	●	NRC .80 NIC 29/21	Class A	●	●	½"	●	●	●		●	●		
Shogun Int'l.	12" stackable	30" stackable	●			●	●									●
Showcase Systems Inc.	24-120"	12-48"	●	NRC .90	Class A	●					●			●		
Specification Built Corp.	all	all	●	as specified	as required	●	●	custom		●	●	●		●	●	
Steelcase Inc.	34¼-75"	18-60"	●	NRC .85	Class 1 ASTM E-84	●	●							●		
Storagewall/Boyd-Britton	various	various	●			●			●						●	
Stow & Davis Furniture Co.	43-79"	20-45"	●	NRC .85, STC 25	Class A	●	●							●		
Structural Concepts Corp.	31-82"	6-60"	●	NRC .80	UL listed	●	●	24"						●		
Structural Concepts Inc.	48-78"	24-60"	●	NRC .85	none	●					●	●				
Syma Systems Inc.	60-96"	30-60"	●			●	●					●	●		●	
Syme & Assoc.	55-71"	36-72"	●	NRC .95	Class A	●	●	66"			●	●		●	●	
The Tandem Group	80"	12-72"	●	NRC .80	Class A	●	●	24"			●				●	
Techniques in Wood	60-72"	36-72"	●	NRC .50-.95	Flamespread 20, Smoke 40	●	●	80"				●				
Tibbet Inc.	36-78"	4-60"	●	NRC .80 STC 26 Barrier 22 Flanking 23	Class A	●			●							
Timbercraft Inc.	37-85"	26-62"	●	NRC .85, STC 24	Class A UL approved	●				●		●				
Tradex Corp.	42", 62-64"	24-48"	●	NRC .85, STC 27	Class A or 1 (Fabric)	●						●			●	
Transwall Corp.	42-80"	12-72"	●	NRC .85, STC 26	Class A or1	●	●	24"		●	●	●	●	●		
Trendway Corp.	42-84"	12-60"		NRC .85	Class A	●	●	24"	●		●					
Unistrut, Interior Building Systems	36-78"	24-72"		NRC .85		●			●							
Universal Building Systems Inc.			●	NRC .85	Class A						●	●			●	
Vaughan Walls	to 72"	to spec	●	NRC .85, STC 27	Incombustible construction fire retardant fabric, Class A	●	●	82"								
Vecta Contract	30-80"	18-60"		NRC .85 STC 27		●	●	24", 30"						●		
Vickers Business Equipment	40-72"	30-60"	●			●			●			●		●		
Vogel-Peterson	60-72"	60-72"				●							●			
Watson Furniture Systems	42-78"	18-48"	●	NRC .65, STC 26		●				●		●				
Weber Costello	48-72"	48-72"	●		Cork-C, Vinyl-B, Chalk-C					●		●				
Westinghouse Furniture Systems	40-80"	12-60"	●			●	●									
Xception Design Ltd.	30-78"	20-60"	●	NRC .80		●	●			●	●	●		●		

Edge Trim								Base Hardware	Core Material							Outside Material							Level Adj.		
Aluminum	Fabric	Self-welt	Steel	Vinyl/Plastic	Wood		Provision for Interlock.		Fiberglass	Hard/Particleboard	Honeycomb	Wood	Mineral Wood	Other		Fabric	Glass	Steel	Wood	Vinyl/Plastic	Other	Horizontal	Vertical	Self-Adjusting
				●			●				●					●								●
●							●	steel	●	●						●	●		●				●	
	●				●		●	steel	●		●		●			●				●			●	
							●							●								●		
	●				●				●							●						●	●	
●	●	●	●	●	●		●		●	●	●	●	●		●	●	●	●	●	●		●	●	●
			●				●	steel	●		●					●	●	●	●			●	●	
●			●	●	●		●					●			●		●	●	●			●	●	
	●				●		●	black epoxy, mirror chrome, bronze	●	●						●	●		●	●		●	●	
			●				●		●	●						●	●			●			●	
●							●	hinges, leveling feet	●	●				●	●	●	●					●		
●							●			●	●	●			●	●	●		●	●		●	●	●
	●	●			●		●	solid bar-stock legs	●							●						●	●	
					●		●	steel	●			●				●	●		●			●		
	●			●	●		●	steel, chrome	●							●				●		●	●	
	●						●	aluminum	●							●							●	
						●	●		●							●				●		●	●	
						●	●		●	●	●					●						●	●	
●	●		●	●	●		●	steel	●		●		●		●	●	●	●	●			●	●	
●							●	vinyl	●			●				●	●			●			●	
●							●							●	●	●				●		●		
					●		●		●			●				●			●				●	
	●				●		●	adjustable metal	●							●								
						●		chrome, acrylic, or veneer	●	●	●								●			●	●	●
●						●										●			●				●	
	●							stabilizer feet			●					●								●
				●	●		●			●					●							●	●
●							●	aluminum		●										●	●			
	●		●		●		●											●		●				
				●	●		●		●							●	●		●			●		



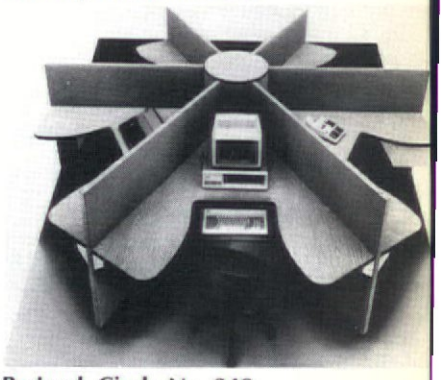
Helikon, Circle No. 233.



Tiffany Stand, Circle No. 259.



Pro/File, Circle No. 250.

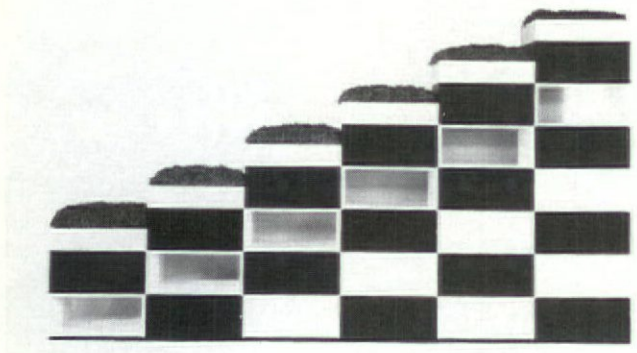


Packard, Circle No. 248.

OPEN PLAN DIRECTORY

TOTAL SYSTEMS

FIRM	Panel Component Systems	Casegoods Furniture Systems	Desks, free-standing	Work Surfaces, hung	Screens,Partitions	Storage Units/Files	Shelves	Computer Bus. Mach. Sup. Furn.	Pin-up Surfaces	Chalkboards	Hideaway Computer Keyboards	Paper Handling/Organiz. Systems	Raceways	Power Dist. & wire Built-in/Management Systems	Task Lighting	Ambient Lighting	Coat Racks/Wardrobe (concealed)	Floor-To-Ceiling Mobile Walls	Doors	OTHER
Abstracta Structures	●		●			●	●	●							●		●	●		
Acco Int'l.					●	●		●				●								
Acme Office Group	●	●	●	●	●	●	●	●				●	●	●	●			●	●	
Acousti-Forms Inc.		●				●		●	●			●			●					desk-top work stations
Acoustical Partitions Corp.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Acoustical Screens/Interact	●	●	●	●	●	●	●	●	●		●		●	●	●		●	●	●	credenzas
Adanlock Office Environments	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●		●	●	seating
Adden Furniture				●	●	●														
Advance Design Panel		●	●		●	●	●	●			●		●		●			●	●	
Advance Office Concepts WI Inc.			●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	
Alka Structures Inc.	●		●	●	●															
Allsteel Inc.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	
Alma Desk Co.	●	●	●	●	●	●	●		●		●	●	●	●	●	●	●	●	●	
American Seating Co.	●	●	●			●	●	●	●		●	●	●	●	●	●		●	●	
Amstore Systems Inc.	●		●	●	●	●	●	●	●		●	●	●	●	●				●	
Anderson Hickey				●	●	●		●												
Artec	●	●	●	●		●	●	●					●	●	●	●	●		●	freestanding wardrobes
Artmet Products	●		●	●	●	●	●	●	●	●	●		●	●	●				●	
Artopex Inc.	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●		●	bookcases
Aspects Inc.	●	●	●	●	●	●	●	●	●		●	●	●	●	●			●	●	bookcases
Atelier Int'l.		●	●	●	●	●	●	●	●		●	●			●		●			
Atlantic Data Systems		●	●			●	●	●	●		●		●	●	●					printer stands
BIF Inc.	●	●			●	●	●		●			●	●							
Baker Furniture		●		●	●	●	●										●			
Barricks Mfg.								●		●										tables
Benedetti Corp.		●	●	●	●	●	●	●			●		●	●	●					
Biltrite Nightingale Inc.	●	●	●	●	●	●	●	●	●		●				●		●			
H.L. Birum Corp.	●			●	●	●	●		●		●		●	●	●			●	●	
Borroughs Manufacturing Corp.		●	●		●	●	●	●	●		●		●	●	●					vertical storage
Brayton International				●	●	●	●	●	●			●					●			



Meridian, Circle No. 245.

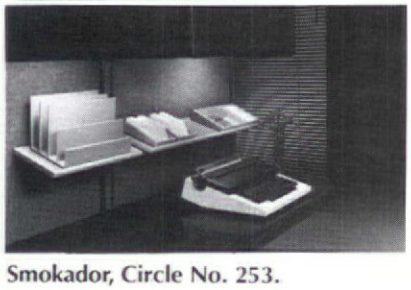


Hund, Circle No. 415.

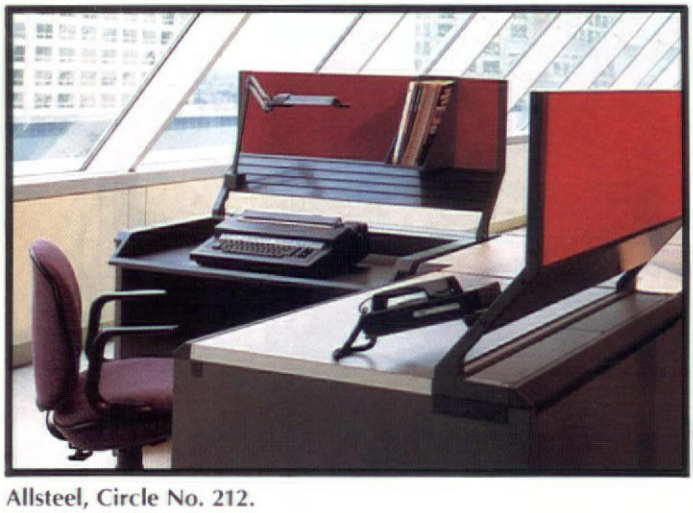
FIRM	Panel Component Systems	Casegoods Furniture Systems	Desks, free-standing	Work Surfaces, hung	Screens,Partitions	Storage Units/Files	Shelves	Computer Bus. Mach. Sup. Furn.	Pin-up Surfaces	Chalkboards	Hideaway Computer Keyboards	Paper Handling/Organiz. Systems	Raceways	Power Dist. & wire Built-in/Management Systems	Task Lighting	Ambient Lighting	Coat Racks/Wardrobe (concealed)	Floor-To-Ceiling Mobile Walls	Doors	OTHER
Bretford/Knox		●		●			●	●	●	●	●						●			
Business Accessories									●	●										
C I Designs	●	●	●		●	●	●		●		●	●	●	●						
Cano Corp.	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●			●	
Castelli Furniture	●	●	●	●	●	●	●	●	●		●	●	●		●	●	●			
Center Core Inc.	●				●	●	●	●		●	●	●	●	●	●		●			
Certified Industrial Svcs. Inc. (CIS)	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	
Check-Mate Interior System	●	●	●			●	●	●	●				●		●			●		
Cole Office Environments	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	
Condi		●	●	●		●	●	●			●	●		●	●					
Contemporary American					●	●	●	●												
Contemporary Products Inc.	●	●		●	●	●	●	●	●				●	●	●			●	●	
CorryHiebert	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			pedestals, files
Conwed Designscape	●			●	●		●		●		●			●	●					
Cramer Inc.	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	signage
Croydon	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Danwood	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●		●	
Data-Mate				●		●	●	●			●		●	●	●					
Datum Filing Systems		●	●	●	●	●	●	●	●		●	●	●		●					
Davis Furniture Inds. Inc.					●	●		●			●		●	●	●		●			
Decar Corp.				●	●	●	●	●			●		●	●						
Delco Assoc.	●	●	●	●	●	●	●	●	●		●	●	●	●	●					
Design Group Inc.		●	●	●	●	●		●	●		●		●	●	●		●			
Domore Corp.	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	
Drier/Div. MTS Seating	●	●	●		●	●	●	●	●	●	●		●	●	●		●		●	
Dynel International	●	●	●	●		●	●	●	●		●	●	●	●	●	●	●		●	
Ebco Contract Furniture		●		●	●	●			●								●			
Elite/Biltrite	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	
Executive Office Concepts	●	●	●	●	●	●	●	●	●		●	●	●	●	●		●		●	stackable panels, transaction tops
Fantoni USA Inc.		●	●	●	●	●	●	●			●				●		●			
Filing Equipment Inc.	●		●		●	●	●	●	●		●	●	●	●	●					

Borroughs, Circle No. 219.





Smokador, Circle No. 253.



Allsteel, Circle No. 212.

OPEN PLAN DIRECTORY

TOTAL SYSTEMS

FIRM	Panel Component Systems	Casegoods Furniture Systems	Desks, free-standing	Work Surfaces, hung	Screens,Partitions	Storage Units/Files	Shelves	Computer Bus. Mach. Sup. Furn.	Pin-up Surfaces	Chalkboards	Hideaway Computer Keyboards	Paper Handling/Organiz. Systems	Raceways	Power Dist. & wire Built-in/Management Systems	Task Lighting	Ambient Lighting	Coat Racks/Wardrobe (concealed)	Floor-To-Ceiling Mobile Walls	Doors	OTHER
Flex-Y-Plan	●	●	●	●	●	●	●	●	●		●	●	●	●	●		●		●	
Frank Eastern Co.	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●		●		
Geiger International	●	●	●	●	●	●	●	●	●		●		●	●	●	●	●			
GF Furniture Systems Inc.	●	●	●	●		●	●	●	●	●	●	●	●	●	●		●		●	
G/O Furniture		●	●	●		●	●	●	●		●		●	●	●		●			
The Gunlocke Co.	●	●		●	●	●	●	●	●		●	●	●	●	●	●	●		●	
HLF Furniture Inc.	●	●	●	●	●	●	●	●			●				●					
Haller Systems Inc.		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Hamilton Sorter Co. Inc.	●		●		●	●	●	●	●		●	●	●	●	●		●			
Hardwood House Inc.	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●			
Harmon	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●		●	
Harpers	●	●	●	●	●	●	●	●	●	●	●		●	●	●		●		●	glass, curved panels, bullettable countertops
Harter	●		●	●		●	●	●	●		●	●	●	●	●	●				
Haworth Inc.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Helikon Furniture Co.	●	●	●	●	●	●	●	●	●		●		●	●	●	●	●			
HON Company	●	●	●	●	●	●	●	●			●		●	●	●					
Howe Furniture		●	●					●												
Hund Office Furniture	●		●	●	●	●	●	●	●		●	●		●	●	●				
I.E.M. Marketing	●	●	●	●	●	●	●	●						●			●			
Indal Furniture Systems	●		●	●	●	●	●	●	●		●	●	●		●				●	
Innocrete Systems Inc.	●														●					
Interior Woods Inc.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●		●	custom systems
Invincible Metal Furniture Co.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●		●	receptionist area
Jackson Northeast Inc.	●	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	
Jansko	●	●	●	●		●	●	●	●						●					
JG Furniture Systems	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●		●	
Jofco Inc.				●	●	●	●	●			●	●		●	●		●	●		"surround" systems
Kimball Office Furniture		●		●	●	●		●	●		●	●			●					
Kinetics Furniture	●		●		●	●	●	●	●		●	●	●	●	●					
Knoll International	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	

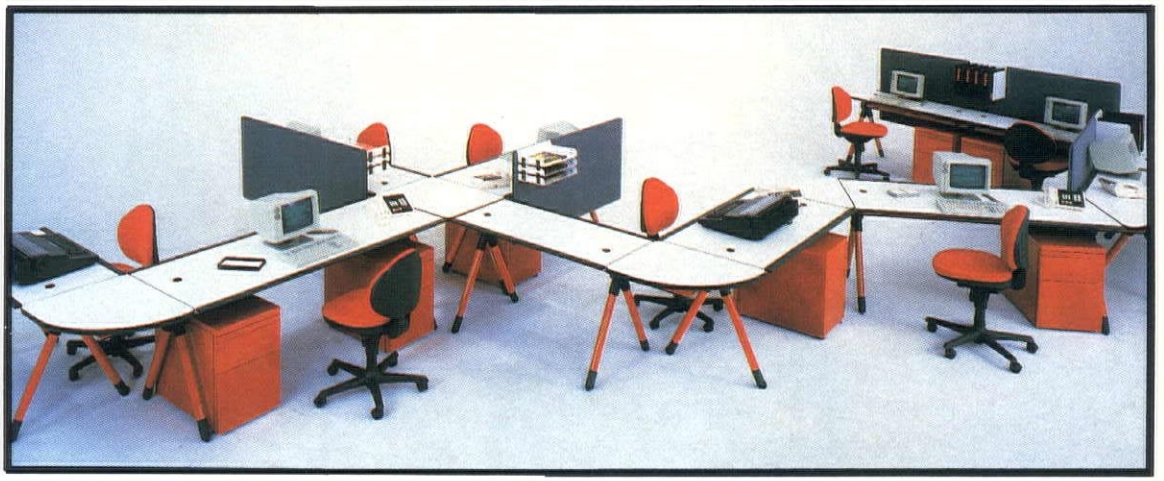


Transwall, Circle No. 260.



Lehigh-Leopold, Circle No. 241.

FIRM	Panel Component Systems	Casegoods Furniture Systems	Desks, free-standing	Work Surfaces, hung	Screens,Partitions	Storage Units/Files	Shelves	Computer Bus. Mach. Sup. Furn.	Pin-up Surfaces	Chalkboards	Hideaway Computer Keyboards	Paper Handling/Organiz. Systems	Raceways	Power Dist. & wire Built-in/Management Systems	Task Lighting	Ambient Lighting	Coat Racks/Wardrobe (concealed)	Floor-To-Ceiling Mobile Walls	Doors	OTHER
Kroin Inc.				●	●		●	●												
Krueger Inc.	●	●	●	●	●	●	●	●			●	●	●	●	●					
Krug Furniture Inc.	●	●	●	●	●	●	●	●	●		●	●	●	●	●		●		●	
LBF Office Systems	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	acoustical printer enclosures
LPI	●													●	●	●				
Lamica Corp.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Laminates Unlimited Inc. (LUI)			●	●	●	●		●	●		●			●	●					
Lehigh-Leopold	●	●	●	●	●	●	●	●	●		●	●	●	●	●		●		●	
Lighting Products Inc.														●	●	●				
Lista International				●	●	●	●	●				●	●	●	●	●	●			high density mobile storage
Litton Business Furniture (LBF)		●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Harry Lunstead Designs Inc.	●	●	●	●	●		●	●	●		●	●	●	●	●	●	●			
Madison Furniture	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●		●		
Magna Design Inc.	●	●	●	●	●	●	●	●	●		●		●	●	●		●		●	
Marvel Group		●	●			●	●	●							●					
MAX by Amstore	●	●	●		●	●	●	●	●	●	●	●	●	●	●			●	●	
Meridian Inc.		●	●			●	●	●			●	●					●			
Metalstand Co.	●	●	●	●	●	●	●	●			●	●	●	●	●				●	
Metropolitan Furniture				●	●			●												
Herman Miller Inc.	●			●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	
Mode Corp.			●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	
Modern Mode Inc.	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●			reception
Modern Plastics		●		●	●		●	●												
Modu-Build Inc.	●	●	●		●	●	●	●	●		●	●	●	●	●	●		●	●	
Modular Designs Inc.	●	●	●	●	●	●	●	●	●		●	●	●	●	●		●			
Mueller Furniture Corp.		●	●	●		●	●	●	●		●			●	●		●			conference room accessory furniture
Myrtle Desk		●		●	●	●	●			●					●	●				
National Office Furniture	●		●	●	●	●			●						●					overheads w/bi-fold doors
Nello Systems	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	clerestory

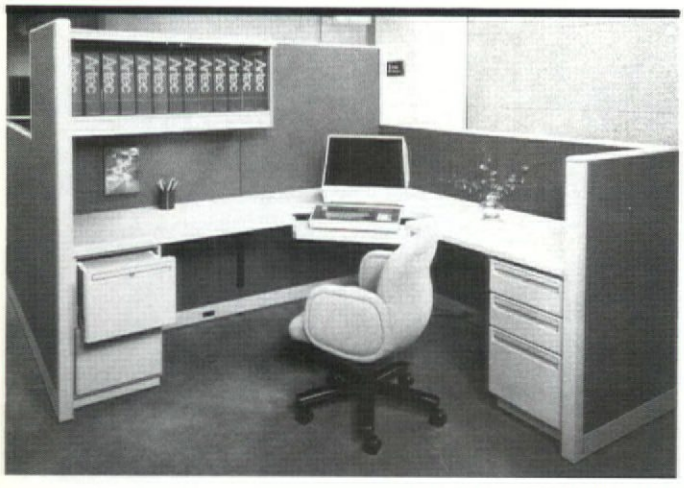


Kinetics, Circle No. 238.

OPEN PLAN DIRECTORY

TOTAL SYSTEMS

FIRM	Panel Component Systems	Casegoods Furniture Systems	Desks, free-standing	Work Surfaces, hung	Screens,Partitions	Storage Units/Files	Shelves	Computer Bus. Mach. Sup. Furn.	Pin-up Surfaces	Chalkboards	Hideaway Computer Keyboards	Paper Handling/Organiz. Systems	Raceways	Power Dist. & wire Built-in/Management Systems	Task Lighting	Ambient Lighting	Coat Racks/Wardrobe (concealed)	Floor-To-Ceiling Mobile Walls	Doors	OTHER
Nelson-Adams Co./Acoustical Screen Div.	●	●	●			●	●	●	●	●	●		●	●	●	●	●			
Norsons Inds.				●	●	●	●	●												
Nucraft Furniture	●	●	●		●			●	●	●					●					
Glen O'Brien Movable Partition Co.	●	●	●		●	●			●	●			●		●		●	●	●	
Office Specialty				●	●	●		●			●			●						
Office Suites	●	●	●	●	●	●	●	●	●		●		●	●	●	●	●		●	
Omni Int'l. Inc.		●	●			●	●	●	●		●	●	●	●	●					
Open Office Products Inc.	●		●			●	●		●				●	●	●			●	●	
Optimum Ergonomics Ltd.		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
PCI/Tandem			●	●	●	●	●	●	●	●	●	●	●	●	●		●		●	special requirements
Packard Inds. Inc.	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Panel Concepts, L. P.	●	●	●	●	●	●	●	●	●		●	●	●	●	●				●	voice/data modules
Pleion	●	●	●		●	●	●	●	●		●	●	●	●	●				●	
Polychromic Designs	●			●	●	●	●		●				●	●						
Precision Mfg. Inc.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●		●	
Prima Products	●	●	●	●	●	●	●		●		●			●	●			●	●	
Procaccino				●	●	●	●										●			conference tables
Ram Partitions/Div. Indal Ltd.	●	●	●		●	●	●	●	●	●	●	●	●	●	●				●	
Reff Inc.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	
Rockaway Inc.	●				●		●			●			●					●	●	
Edward Axel Roffman Assoc.			●	●		●														
RoseJohnson	●	●	●	●	●	●	●	●			●	●	●	●	●		●			
Rosemount Office Systems	●	●	●			●	●	●	●		●		●	●	●		●		●	
Round Office/Rodegard Assoc.		●	●		●	●	●	●	●		●		●		●	●				
Samsonite Furniture Co.				●		●	●		●			●			●					coat hooks
Scandiline	●	●	●	●	●	●	●	●	●		●		●	●	●		●			
Shaw-Walker	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Showcase Systems Inc.			●	●	●	●	●	●					●	●	●					
Spec'built		●	●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	all custom built
Steelcase Inc.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	



Artec, Circle No. 214.



Biltrite, Circle No. 218.

FIRM	Panel Component Systems	Casegoods Furniture Systems	Desks, free-standing	Work Surfaces, hung	Screens,Partitions	Storage Units/Files	Shelves	Computer Bus. Mach. Sup. Furn.	Pin-up Surfaces	Chalkboards	Hideaway Computer Keyboards	Paper Handling/Organiz. Systems	Raceways	Power Dist. & wire Built-in/Management Systems	Task Lighting	Ambient Lighting	Coat Racks/Wardrobe (concealed)	Floor-To-Ceiling Mobile Walls	Doors	OTHER
Storagewall/Boyd-Britton	●	●	●	●		●	●		●	●			●	●			●	●	●	
Stow & Davis Furniture Co.	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●			
SunarHauserman	●	●	●			●	●				●	●	●	●	●	●	●			credenzas, lounge-seating
Superior Furniture Systems Manufacturing Inc.		●	●			●		●	●		●	●	●		●		●			
Syma Systems Inc.	●		●	●	●		●	●	●									●		
Systems Mfg. Corp.				●	●	●		●				●								
Tab Products Co.	●			●	●	●	●	●	●	●	●	●	●	●	●		●			clustered workcenters
The Tandem Group	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	full custom capability
Techniques in Wood	●	●	●		●	●	●	●	●	●	●		●	●	●		●			
Teknion Furniture Systems	●		●		●	●	●	●	●	●	●	●	●	●	●				●	
Thonet Inds.				●	●	●														
Tibbet Inc.	●					●	●	●			●		●	●	●			●	●	full, half-glazed panels
Tiffany Stand & Furniture				●	●	●	●	●	●		●	●		●						
Timbercraft Inc.	●																			
Tradex Corp.	●	●	●	●		●	●	●							●					
Transwall Corp.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Trendway Corp.			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Unifor			●	●	●	●	●	●				●	●	●						
Universal Building Systems	●	●	●	●	●	●	●	●	●		●		●	●	●	●	●	●	●	
Vecta Contract	●	●	●	●	●	●	●	●	●		●	●	●	●	●		●		●	freestanding workstations
Vickers Business Equipment	●	●	●	●	●	●	●	●				●	●	●	●					
Watson Furniture Systems	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	
Weber Costello			●							●										dry erase, bulletin, & directory boards
Westinghouse Furniture Systems	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●			
Wright Line Inc.	●				●	●	●	●	●		●	●		●	●					
Xception Design Inc.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●		●	



Westinghouse, Circle No. 264



Lunstead, Circle No. 419.

OPEN PLAN DIRECTORY

ACOUSTICAL, WALL MOUNTED

Firm	Core Material								Outside Material						Sizes
	Fiberboard	Fiberglass	Honeycomb	Particleboard	Wood	Mineral Fiber	Custom	Other	Fabric	Steel	Veneers	Vinyl/Plastic	Custom	Other	
Abstracta Structures Inc.	●	●	●	●	●	●	●			●					any
Acme Office Group							●	●		●					various
Acoustical Partitions Corp.		●							●					●	
Acoustical Screens/Interact		●			●	●			●						up to 48" x 96", custom
Acoustone Corp/Newcastle Fabric Div.								●	●					●	66"
Adanlock Office Environments	●								●						as specified
Advance Design Panel						●	●		●				●		custom
Advance Office Concepts		●							●						custom
Allsteel Inc.			●							●				●	any
All Systems	●				●		●		●	●		●	●		12 × 42" to 60 × 88"
Alma Desk Co.	●	●			●			●	●		●				21 × 30" to 48 × 81"
American Seating Co.					●			●	●	●					
Architectural Wall Systems				●					●		●	●	●		any
Armstrong World Inds.						●			●			●	●	●	24" × 108", 30" × 108", any custom size
Artopex Inc.	●								●			●	●		20 × 41" to 60 × 80"
Aspects Inc.	●	●	●	●	●	●	●		●	●	●				custom
Atelier Intl.		●							●						12 × 30" to 35 × 60"
B.L.I. Corp.		●				●			●			●	●		
Bannerworks		●												●	custom
Benedetti Corp.		●							●						18 × 42" to 60 × 60"
Joel Berman Assoc.		●						●	●						any
Biltrite Nightingale		●					●		●		●				
H.L. Birum Corp.	●		●		●							●			24 × 72" to 33 × 72"
Brewster Corp.															
Cano Corp.		●												●	
Capaul Corp.	●	●	●			●	●		●			●	●		30" × up to 60"
L.E. Carpenter/Vicracoustic		●							●			●	●	●	48" × 96", 48" × 120", custom
Certified Industrial Svcs. Inc. (CIS)		●							●	●	●		●	●	
Check-Mate Int. Systems			●					●	●						24 × 42" to 72 × 72"
Cole Office Environments		●			●				●						15 × 30/60", 30 × 30/60"
Contemporary American Furniture		●							●						50 × 60/96"
Contemporary Products Inc.		●					●	●	●						
Conwed Designscape		●						●	●						18 × 48/60" to 42 × 48/60"
Corry Hiebert		●							●						21 × 31" to 44 × 40"
Cramer Inc.		●							●						32 to 80"
Craxton Acoustical Prods.		●	●			●			●						any
Croydon Furniture Systems Inc.	●	●							●	●					18 × 42" to 60 × 72"
Custom Wall Services Inc.	●	●	●	●	●	●	●		●					●	any
Danwood	●	●	●						●		●				12-72" × 29/80"
Decoustics Ltd.		●							●		●	●			custom

Shape							Acoustical Ratings (NRC, NIC, STC, Other)	Fire Ratings
Curved	Flat	Rectangular	Square	Custom	Other			
●	●	●	●	●	●			
●				●	●		various	various
●	●	●	●	●			NIC, STC	Class A
	●	●	●					
●	●	●	●	●				ASTM E-84
							NRC .30	Class A
							NRC .65, NIC 23, STC 28	Class A
	●			●			NRC .35-.85	Class A
●	●						NRC, STC	Class A
●	●	●					NRC .65	Class A
●		●					NRC .80, STC 23	Class A
●	●	●	●	●			NRC .85, NIC 21, STC 20 or 28	Class A
	●	●		●			STC	Class A
		●					NRC	Class A
	●	●	●	●				
●	●	●	●	●				
		●	●	●	●		NRC .75-1.00, NIC 20	Class A ASTM E-84/76 A
	●	●	●	●	●		NRC .85-.95	Class A
					●			CA code
●	●						NRC .87, STC 34	Class A
●	●	●	●	●			NRC	Class A
							NRC .85, STC 27	
●	●	●	●	●			NRC .85, NIC 21, STC 25	Class 1 fabric
●	●		●				NRC .85, NIC 10	Class A
	●	●	●	●	●		NRC .90	Class A
●	●	●	●	●			NRC .30, NIC 14-21, STC	Class A
●	●	●	●	●	●			
●	●	●	●	●			NRC .85, NIC 21, STC 20	Class A
●	●	●	●	●			NRC	Class A
	●	●					NRC .80	
●	●	●	●	●				
	●	●	●	●	●		NRC .95	Class A
		●	●	●			NRC .90	Class A
●		●					NRC .75	ASTM E-84
●				●			NRC .85	Class A
●	●	●	●	●	●		NRC, NIC, STC	Class A
●	●						NRC	
●	●	●	●	●			NRC .90, NIC	Class A
●	●						NRC .78, STC 21	Class A
●	●	●	●				NRC, STC	Class A



American Seating, Circle No. 213.



Flex-Y-Plan, Circle No. 225.



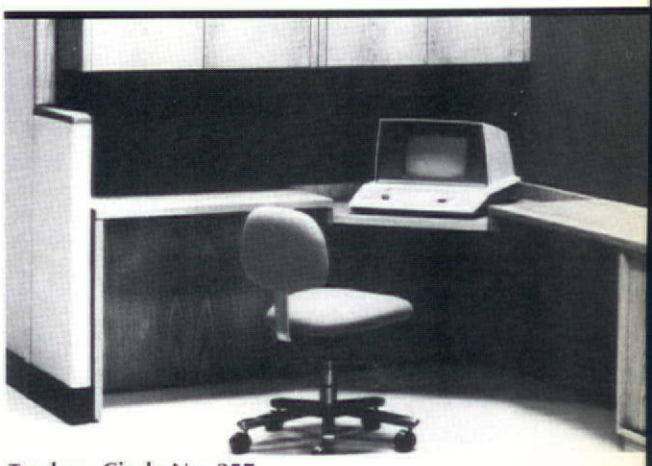
USG, Circle No. 261.

OPEN PLAN DIRECTORY

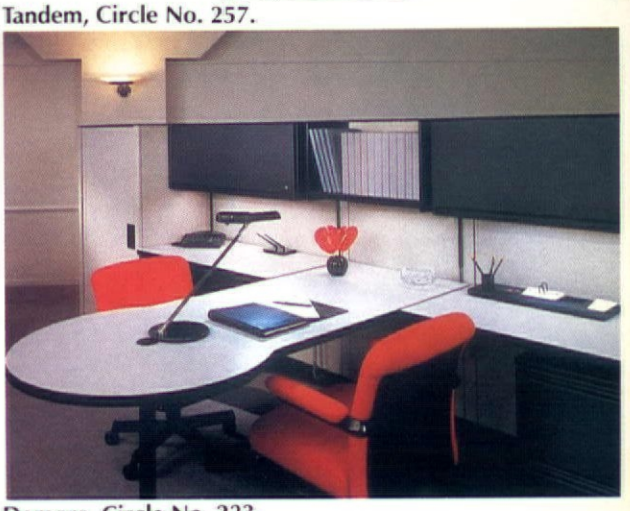
ACOUSTICAL, WALL MOUNTED

Firm	Core Material								Outside Material						Sizes
	Fiberboard	Fiberglass	Honeycomb	Particleboard	Wood	Mineral Fiber	Custom	Other	Fabric	Steel	Veneers	Vinyl/Plastic	Custom	Other	
Delco Assoc.		●							●						to order
Delta Mfg. & Sales Inc.			●						●						24 × 72"
Dyrotech Inds.		●													
Executive Office Concepts	●	●			●				●		●				
Fabri-Trak/Unique Concepts Inc.								●	●	●			●	●	
Fabric Interiors		●				●		●	●			●		●	
Filing Equipment Corp.		●	●						●					●	15-48" × 30-90"
Forms + Surfaces Inc.		●							●						108" × 120" modules
Frank Eastern Co.	●	●	●	●	●				●	●	●	●	●		
G.F. Furniture Systems		●	●		●	●			●	●	●		●		32-79" × 12-63"
General Drapery Service		●							●				●		
Gilford Inc.									●				●		
Globe Amerada Glass Co.															
Globe Industries	●								●						48" × 60", 60" × 72"
HON Co.		●	●		●				●						15 × 42" to 62 × 69"
Hamilton Sorter		●		●					●						
Harter Corp.						●	●		●				●		various
Helikon Furniture Co.					●				●		●				to 72"
Hemisphere Steel Products Corp.		●	●		●				●	●		●	●		12/48 × 39"
Hoover Systems, Acoustical Screens in Color, Inc.		●							●						18-72" × 42-82"
Indal Furniture Systems		●	●						●	●		●	●		12-60" × 40-80"
Industrial Acoustics Co.										●					custom
Insul Art Acoustics Corp.	●	●							●			●	●		6-60" × 6-144"
Interior Woods Inc.	●				●		●		●		●	●	●		standard 48" × 96", & custom
Invincible Metal Furn. Co.		●	●				●	●	●	●	●	●	●		all standard sizes
J.G. Furniture Systems Inc.	●	●							●		●			●	30-78" × 18-60"
Krueger Inc.		●							●	●				●	42-80" × 18-48"
LBF Office Systems		●	●		●				●	●				●	34-84" × 12-60"
Lamica Corp.		●	●	●	●		●		●			●	●		
Lombardo & Co.								●							
Harry Lunstead Designs		●							●		●		●		44-80" × 18-60"
MPC Inc./Noise Control Div.	●	●	●	●	●	●	●	●	●		●	●	●	●	12 × 12" to 60 × 156"
Magna Designs		●							●						
Mode Corp.		●							●						
Modern Mode						●			●		●				
Modular Design Co.		●			●				●		●				42-80" × 18-48"
Monning Partitions		●				●			●						
Nello Systems Co. Inc.	●	●		●	●	●	●		●	●			●		custom
Nelson-Adams Co.		●							●						60 × 120" × 24-36"
Glen O'Brien		●							●						to 60" × 240"
Open Office Products Inc.		●							●						various
Owens-Corning Fiberglass Corp.		●							●						

Shape						Acoustical Ratings (NRC, NIC, STC, Other)	Fire Ratings
Curved	Flat	Rectangular	Square	Custom	Other		
	●	●	●	●		not rated	not rated
		●				NRC	Class A
	●						Class I & III
	●	●	●	●			
●	●	●	●	●		NRC .67	Class A
							Class A, ASTM E-84
	●	●	●	●		NRC .80	Class A
		●				NRC .80	Class A
●	●	●	●			NRC .40-.90	Class A
●	●	●	●			NRC .80, STC 20	Class A
●	●	●	●	●		NRC .80+	25 or less
							Class A
●	●	●	●			STC 36-48	
●	●	●				NRC .85	Class A
	●	●				NRC .80	Class A or Class 1
●		●					
		●	●	●			
	●	●	●	●			Class A
		●		●		NRC .85	Class A
●	●	●	●	●		NRC .90, STC 20	Class A
	●	●	●			NRC .95, NIC 40-45, STC 40-70	1½ hr U.L.
●	●	●	●			NRC .85	Class A
	●			●			varies based on material
●	●	●	●	●			Class 1 or A
●	●	●	●	●	●	NRC .95, STC 27	Class A
●					●	NRC .90, STC 22	Class A
		●				NRC .85	
●	●	●	●	●			
●	●	●	●	●		all	
●	●	●	●	●		NRC .85, STC	Class A
●	●	●	●	●		NRC .75-1.0, STC 40	Class A
	●	●	●				
	●		●				
	●	●				NRC .90	UHL approved
		●	●				
				●			
		●			●	NRC .85	Class 1
●	●	●	●	●		NRC .85/1" - 1.00/2"	
	●	●	●	●		NRC .85	Class A
	●					NRC .80	Class A



Tandem, Circle No. 257.



Domore, Circle No. 223.



Shaw-Walker, Circle No. 252.

OPEN PLAN DIRECTORY

ACOUSTICAL, WALL MOUNTED

Firm	Core Material								Outside Material						Sizes
	Fiberboard	Fiberglass	Honeycomb	Particleboard	Wood	Mineral Fiber	Custom	Other	Fabric	Steel	Veneers	Vinyl/Plastic	Custom	Other	
PCI/Tandem		●			●			●	●		●		●		30-80"
Packard Indus. Inc.			●							●				●	40"-120" × 12-66"
Panel Concepts Inc.		●							●					●	various
Peabody Noise Control		●	●				●								48" × 120"
Peter Pepper Products		●							●						9-84"
Polychronic Designs		●							●					●	custom
Precision Mfg. Inc.		●							●						42-80" × 12-72"
Prima Products				●					●						
Reff Inc.	●	●		●	●				●		●	●			42-80" × 16-72"
Richards-Wilcox, Aurora Shelving Dept.									●	●		●			
Rosemount Office Systems		●	●		●				●				●		43-80" × 34-60"
Shaw-Walker Co.			●	●	●	●			●	●	●	●	●		40-76" × 19-48"
Shogun Int'l. Corp.				●	●		●			●	●	●	●		48" × 120"
Showcase Systems		●			●		●		●	●			●		48" × 120" max.
Silent Sound Systems		●	●		●				●						custom
Singer Safety Co.		●										●			any
Sound-Ab-Sorb		●		●			●		●			●	●	●	any
Specification Built Corp.	●	●	●	●	●	●	●		●	●	●	●	●		
Steelcase Inc.	●								●						
Storagewall/Boyd-Britton					●				●		●	●	●		
Stow & Davis		●		●					●		●				
Structural Concepts Corp.		●		●	●	●	●		●			●	●		31-82" + custom, 6-60"
Styme & Assoc.		●					●		●			●	●		48" × 120" max.
Sunar Hauserman Inc.	●	●	●				●		●	●			●		various
Techniques in Wood	●	●		●	●	●	●		●						30-80" × 18-48"
Tectum Inc.					●		●		●						24-120" × 24"-120"
Tibbet Inc.		●							●				●		up to 120", up to 60"
Timbercraft Inc.					●			●	●			●	●		various
Trendway Corp.	●	●	●	●	●	●	●		●	●		●	●		42-84" × 12-60"
USG Acoustical Products		●				●			●						30 × 108-120"
USABBCO Corp.		●	●				●		●	●			●		one size
United States Gypsum		●				●			●						30" × 108"-120", & custom
Universal Building Systems		●							●						24-160"
Vicrtex Wallcoverings	●	●					●		●			●	●		96-120" to 60"
Vogel Peterson		●							●						24 × 36" to 48 × 60"
Wall Technology Inc.	●	●					●		●			●	●		up to 192" × 60"
Watson Furniture Systems		●							●						12" × 48" to 48" × 96"
Wenger Corp.	●						●		●			●	●		24"-96" × 48" × 72"
Winona Industries					●						●		●	●	
Working Walls Inc.	●	●					●		●	●			●		48" × 96" × 48" × 96"
Xception Design Ltd.		●			●		●		●						30-78" × 20-60"

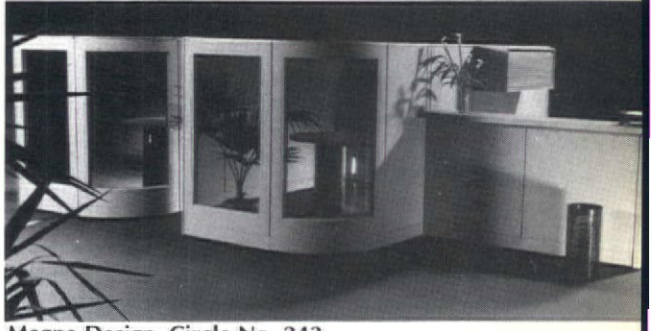
Shape						Acoustical Ratings (NRC, NIC, STC, Other)	Fire Ratings
Curved	Flat	Rectangular	Square	Custom	Other		
●	●	●	●	●			Class A
●					●	NRC .85, NIC 23, STC 25, SPT 62	Class 1
●					●	NRC .85, STC 20	Class A
	●	●	●	●		NRC .85	Class A
●	●	●	●	●		NRC .87	
		●			●	NRC .85, NIC 90	Class A
			●			NRC .25	Class A
●	●	●					
●	●	●	●			NRC .85, NIC 23	Class A
	●						Class A
●	●					NRC .80, STC 26	Class A
●	●	●	●	●		NRC .80	
●	●	●	●	●			Class A, B or C
	●	●	●	●		NRC .90	Class A
	●	●	●	●		NRC .70, .80	
		●				NRC .70	Class A
						NRC .85	Class A
●	●	●	●	●	●	as required	as specified
	●	●				NRC .70	Class 1, ASTM E-84
	●				●		
●	●	●					
●	●	●	●	●		NRC .80	Class A
	●	●	●	●		NRC 1.0	Class A
●	●	●					Class A
●	●	●	●	●		NRC .85	
	●	●	●	●		NRC .45-1.0	
				●		NRC .80, NIC 19	Class A
●	●	●	●	●		NRC .55, STC 24	Class A
●	●	●	●	●		NRC .85, STC 21	Class A
		●				NRC .60 to 1.0	flamespread 0-25
●	●	●	●	●			Class A
		●		●		NRC .90-1.0 (fiberglass), .60-.70 (mineral fiberboard)	depends on assembly
		●		●		NRC .65	Class A
●	●	●	●	●			
		●				NRC .85	Class A
●	●	●	●	●		NRC .85, NIC 21, STC 35-40	
						NRC .90	Class A, ASTM E-84, flame 15, fuel 15, smoke 0
	●	●	●	●			
●		●	●	●			Class A available
	●	●	●	●		NRC .90	
●	●					NRC .80, STC 26	



Atelier Int'l, Circle No. 216.



Teknion, Circle No. 258.



Magna Design, Circle No. 243.

OPEN PLAN DIRECTORY

ACOUSTICAL CEILINGS

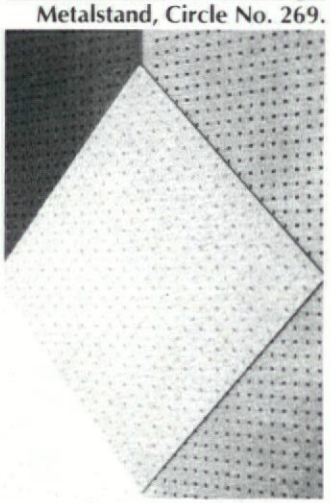
Firm	Baffles	Tiles	Acoustical Ratings	Fire Ratings	HVAC	Lighting
Acoustical Partitions Corp.	●			Class A		
Adanlock Office Environments		●	STC 32	Class A		
Alcan Building Products					●	●
Armstrong World Inds. Inc.	●	●	NRC .50-1.0	Flamespread rating, Class A	●	●
B.L.I. Corp.	●	●	NRC .85-.95	Class A		
Brewster Corp.	●		NRC .90, STC 20	Class A		
Capaul	●		NRC to 1.0, NIC to 21, STC to 40-44	Flamespread 0-25, ASTM E-84		
L.E. Carpenter/Vicracoustic	●		NRC .80	Class A		
Celotex Corp.		●	NRC, STC			●
Chicago Metalic Corp.	●	●				
Citation				Class A		
Color Line	●					●
Craxton Acoustical Products	●	●	NRC, NIC, STC	Class A		
Decoustics Ltd.	●	●	NRC, NIC	Class A		
Donn Corp.	●	●	NRC, NIC			
Frank Eastern Co.	●		NRC .50, .70, .90			
Entol Industries Inc.		●				
Forms & Surfaces				Class 1	●	●
Hemisphere Steel Products		●				
Hunter Douglas Architectural Prods.	●	●		Class A		●
Industrial Acoustics		●	NRC .90, NIC 43			
Insul-Art Acoustics Corp.	●	●	NRC .75 to .90	Class A		
Levolor Lorentzen Inc.	●		NRC .70/.80	ASTM 119		●
Lombardo & Co.	●	●	All	NYC MEA, 0 smoke, 0 flame		
MPC Inc./Noise Control Div.	●	●	NRC .75 to 1.0	Class A		
Modu-Build Inc.	●					
Nello Systems	●		NRC .85, NIC 22,STC 26	Class A		
Nichols-Homeshield	●		NRC .55 to .85		●	●
Open Office Products Inc.	●			Class A		
Owens-Corning Fiberglass Corp.		●	NRC .70 to 1.0, NIC 20	Flamespread 25, Smoke Developed 50		●
Peter Pepper Products	●		NRC. 87			
Polychromic Designs	●		NRC. 85	Class A		
Shogun Int'l. Corp.	●		NRC, NIC, STC			
Showcase Systems	●	●	NRC .90	Class A		
Simplex Ceiling Corp.	●	●	NRC, STC			
Sound Absorb Inc.	●		NRC. 85	Class A		
Syma Systems Inc.	●	●				●
Syme & Assoc.	●		NRC .95	Class A		
Tectum Inc.	●	●	NRC			
Tibbet Inc.			NRC .80, NIC 19	Class A		
USG Acoustical Products	●	●	NRC			
Winona Inds.		●		Class A available		
Yorkraft		●	NRC	Class A Flamespread 25		



Samsonite, Circle No. 268.



Metalstand, Circle No. 269.



Loboflor, Circle No. 270.

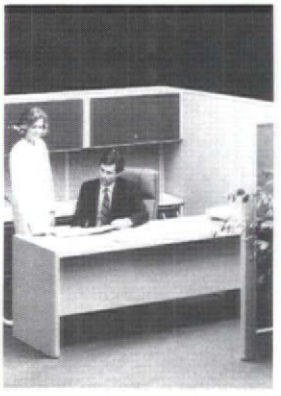


Forms + Surfaces, Circle No. 227.

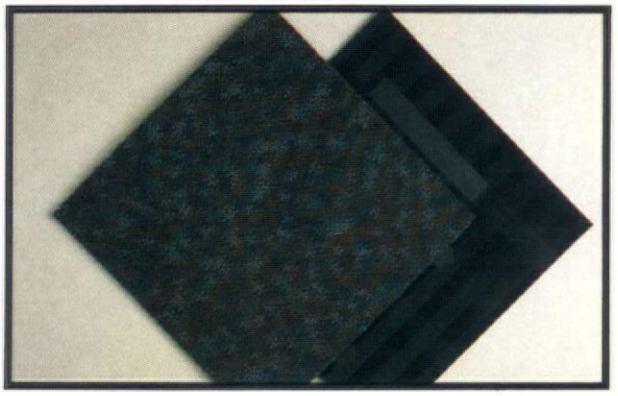
Firm	Task	Ambient	Furn-mtd	Wall-mtd	Freestanding
Acme Office Group	●		●		
Acousti-Forms Inc.	●				
Adanlock	●	●	●	●	
Ainsley Contract Lighting				●	●
ALKCO	●				
Allsteel	●	●	●		
Alma Desk	●	●			
American Seating	●		●	●	●
Artec	●				
Artemide	●	●	●	●	●
Aspects Inc.	●				
Atelier International	●	●	●	●	●
Louis Baldinger & Sons			●	●	●
Baldwin Hardware			●		●
Benjamin Div. of Thomas Inds.	●			●	●
Bieffeplast Div. of Gullans Int'l.			●	●	●
Biltrite/Nightingale	●				
Borroughs	●		●		
Capri Lighting of LA	●		●		
Coast Light Systems	●	●		●	●
Cole Business Furniture	●		●		
Contract Lighting System	●	●	●	●	●
Conwed Designscape	●		●		
Danwood	●		●		
Datum Filing Systems	●				
Dazor Mfg.					●
Design Galleries	●	●	●	●	●
Domore Corp.		●	●	●	
Dynel International	●				
Electra-Lite	●		●	●	●
Electri-Cable Assemblies	●		●	●	
Electrix Inc.	●	●	●	●	●
Elliptipar Inc.	●	●	●	●	●
Feldman Co.				●	●
Fostoria Inds.	●				
Frank Eastern Co.	●				
GTE Sylvania Lighting	●	●	●	●	●
Gardo Lighting				●	
Guth Lighting	●	●	●	●	●
Halo Lighting	●		●	●	●
Hamilton Sorter	●		●		
Haworth	●	●	●	●	●
HON	●				
House-O-Lite	●	●	●	●	
Indalux by J.H. Spaulding	●	●	●	●	●
Intalite Louvers & Ceilings	●				
Interna Designs Ltd.			●		●
Invincible Metal Furniture	●		●	●	
Jansko	●		●		
Jofco	●				

Firm	Task	Ambient	Furn-mtd	Wall-mtd	Freestanding
Juno Lighting	●	●		●	
Keene Corp. Genlyte	●	●		●	●
Koch & Lowy Inc.	●	●	●	●	●
Krueger	●				
LBF Office Systems	●				●
LPI	●	●	●	●	●
Ledu Corp.	●		●	●	●
Lehigh-Leopold	●		●		
Levolor Lorentzen	●				
Light/Inc.	●	●	●	●	●
Light Works		●		●	
Lighting Associates	●	●		●	●
Lighting Products	●	●	●	●	
Lighting Services	●	●	●	●	●
Lightolier	●	●	●	●	
L'Image	●	●		●	●
Litecontrol	●	●	●	●	
Litelab	●	●	●	●	
Luxo Lamp Corp.	●	●	●	●	●
Major Partitions	●				
Mary Street Studio	●				
Herman Miller	●	●	●		
Mitsubishi Electric Sales	●	●	●	●	●
Modern Mode	●		●	●	
Modulightor	●	●	●	●	●
National Office Furniture	●		●		
Nello Systems	●		●		●
Nelson-Adams/Acoustical Screens	●	●	●		
Neo-Ray Lighting	●	●		●	
Nessen Lamps	●	●	●	●	●
Office Suites	●		●	●	
Open Office Products	●				
PCI/Tandem	●				

Firm	Task	Ambient	Furn-mtd	Wall-mtd	Freestanding
Panel Concepts, L.P.	●	●	●		●
Park Sherman	●			●	●
Prima Products	●		●	●	
Reff Inc.	●		●	●	
Reloc	●		●	●	
Ron Rezek Lighting		●	●	●	●
RoseJohnson	●		●		
Round Office/Rodegard Assoc.	●	●	●	●	●
Roxter Mfg.	●		●	●	●
SPI Lighting/Halo	●	●	●	●	●
Samsonite Furniture	●		●		
Scandiline	●				
Shaw-Walker	●	●	●	●	
Spacemaster Lighting	●		●	●	●
Spectrums of Light	●		●	●	●
Strarfire Lighting		●	●	●	●
Steelcase	●		●	●	●
Sterner Lighting Systems	●	●		●	●
Structural Concepts		●			
Swivelier	●	●	●	●	●
Sylvan Designs	●	●		●	
The Tandem Group	●		●		●
Tech Lighting	●	●	●	●	●
3M/Energy Control Products	●		●	●	●
Thunder & Light	●		●	●	●
Tradex	●				
Troy-Trak Lighting				●	
TSAO Designs	●	●	●	●	
Universal Building Systems (UBS)	●		●	●	●
Vista Lighting	●			●	
Westinghouse Furniture Systems	●				
Zumtobel Lighting	●			●	●



Filing Equip., Circle No. 226.



Bentley Mills, Circle No. 417.

OPEN PLAN DIRECTORY

RAISED FLOORS

Firm	Size	Height	Surface Material	Other Features
C-Tec	24" × 24"	4"-48"	HPL, carpet conductile	average design—for office & computer rooms
Donn Corp.	24" × 24"	variable	HPL, carpet	
Floating Floors	24" × 24"	unlimited options	carpet tiles	unlimited access to underfloor services, solid & quiet walk surface
GHP Inc.	24" × 24" or custom	up to 60"	HLP, conductile/carpet	tri-locked edge-trim, 1400 lb. concentrated load spec.
Innocrete Systems	24" × 24"	variable	carpet, tiles, HPL	ramps, steps, handrails
Jason Industrial	24" × 24", 61cm × 61cm	3mm low profile stud 4mm regular stud	100% synthetic rubber	resilient
Nello Systems Co.	24" × 24"	variable	variable-carpet, HPL	
H.H. Robertson Co.	24" × 24"	variable	HPL, needle felt carpet	no stringer, boltless
Syma Systems	to order	2⅛" to 4"	carpet or vinyl	
Tate Access Floors	24" × 24"	variable	carpet tiles (variable)	
United Technical Products			carpet tiles	



Voko, Circle No. 263.

Firm	Vertical Poles/Tubes	In floor Raceways	Panel-mtd. Raceways	Flat Wire, power & telephone	Flat Wire Co-ax. cable	Pre-wired Power Panels
AMP Products Corp.						●
Acme Office Group	●		●			
Acoustical Partitions Corp.	●		●			●
Adanlock Office Environments	●	●	●			
Advance Design Panel Systems	●		●			
Advance Office Concepts WI, Inc.	●		●			●
All Systems, Inc.	●	●	●	●	●	●
Alma Desk Co.	●	●	●	●	●	●
American Seating Co.	●		●	●	●	●
Anderson Power Products						●
Artopex Inc.	●		●			●
Aspects Inc.	●		●			●
Biltrite/Nightingale	●	●	●	●	●	●
Brand-Rex Co.	●	●	●	●	●	●
Brewster Corp.			●			●
BRIntec Corp.				●	●	
Burndy Corp.				●	●	
Cano Corp.	●		●			●
Center Core Inc.	●					
Certified Industrial Svcs. Inc.	●		●			●
Cole Office Environments			●			
Color Line	●		●			
Contemporary Products Inc.						●
Conwed Designscape	●		●			
CorryHiebert	●		●			●
Cramer Inc.	●					●
Danwood Design			●			●
Datum Filing Systems	●					
Davis Furniture Ind.						●
Domore Corp.	●					●
Dynel International	●		●			●
Electri-Cable Assemblies			●			
Epic Metals Corp.		●				
Executive Office Concepts	●		●			●
Filing Equipment	●					●
Flex-Y-Plan	●		●			●
Frank Eastern Co.			●			
GF Furniture Systems Inc.	●		●			●
G/O Furniture				●		
Hamilton Sorter Co. Inc.	●		●			
Harmon	●	●				●
Harter	●					●
Haworth Inc.	●		●	●		●
Hemisphere Steel Products	●		●			
The Hon Company	●		●			
Hoover Systems	●		●			●
Harvey Hubbell Inc.	●			●	●	
iil International			●			
I.E.M. Marketing			●		●	
Indal Furniture Systems	●					●
Interact/Acoustical Screens Corp.	●		●			●
Interior Woods Inc.	●		●			●

Firm	Vertical Poles/Tubes	In floor Raceways	Panel-mtd. Raceways	Flat Wire, power & telephone	Flat Wire Co-ax. cable	Pre-wired Power Panels
Invincible Metal Furn. Co.	●	●		●		●
Jackson Northeast Inc.	●		●			●
Kinetics Furniture	●					
Knoll International	●					
LBF Office Systems	●		●			
Laminates Unlimited Inc.	●					
Lehigh Leopold	●	●	●			
Litton Business Furniture (LBF)	●		●			
Lunstead Inc.	●		●			●
Madison Furniture	●		●			●
Major Partitions	●		●			●
MAX by Amstore	●		●			●
Midland-Ross Corp.		●	●			
Mode Corp.	●		●			●
Modern Mode Inc.			●			●
Modu-Build Inc.	●	●				●
Monning Partitions Inc.	●	●	●	●		●
Nello Systems Co.	●		●			
Nelson-Adams Co.	●		●			●
Glen O'Brien Movable Partition Co.	●					●
Open Office Design	●		●			●
Open Office Products	●		●			●
PCI/Tandem			●			●
Packard Industries Inc.	●					
Panel Concepts, L.P.	●		●			●
Pirelli Cable Corp.				●	●	
Pleion	●		●			
Precision Mfg. Inc.	●		●			●
Prima Products			●			●
Reff Inc.	●		●			●
Reloc	●					
H.H. Robertson Co.		●				
Rockaway Inc.	●					
RoseJohnson			●			
Rosemount Office Systems Inc.						●
Samsonite Furniture Co.			●			
Scandiline	●	●	●			●
Shaw-Walker Co.	●					●
Showcase Systems	●		●			●
Square D Co.		●				
Steelcase Inc.	●		●			●
Stow & Davis Furniture Co.			●	●	●	●
Structural Concepts Inc.			●			
The Tandem Group	●		●			●
Thomas & Betts Corp.		●	●	●	●	
Tibbet Inc.			●			
Timbercraft Inc.			●			●
Transwall Corp.	●		●			●
Union Products Int'l.	●		●			
Vecta	●		●			
Westinghouse Furniture Systems	●		●	●	●	●
The Wiremold Co.	●		●	●		●
Wolff Wire Corp.			●			

OPEN PLAN DIRECTORY

HANG ON ACCESSORIES

FIRM	IN/OUT BASKETS	ORGANIZERS	OTHER
Abstracta Structures	●	●	
Acme Office Group		●	
Acoustical Partitions Corp.	●	●	overhead cabinets, shelving
Advance Design Panel		●	
Advance Office Concepts		●	
Allsteel Inc.		●	
Alma Desk Co.	●	●	
American Seating	●	●	chalkboards, tack boards
Amstore Systems	●	●	
Architectural Supplements			paneltop planters
Artec		●	storage cabinets
Artopex Inc.	●	●	EDP suspension frame
Aspects Inc.	●	●	
Atelier International		●	shelves, closed overhead storage
Baldwin Hardware			desk accessories
Benedetti Corp.		●	panel mounted overhead cabinets & shelves
Biltrite/Nightingale	●	●	
Best Mfg.			sign systems
The Brewster Corp.			coat hooks
Cano Corp.	●	●	
Castelli Furniture	●	●	signage, hangers, hooks
Center Core Inc.		●	
Certified Industrial Services Inc. (CIS)	●	●	
Cole Office Environments	●	●	
Color Line	●	●	
Condi		●	hanging file system
Contract Lighting Systems		●	task lights with brackets
Conwed Designscape		●	
Corona Decor		●	wall hangings
Cramer Inc.	●	●	
Danwood Design	●	●	
Delco Assoc.		●	
Domore Corp.	●	●	
Dynel Int'l.	●	●	paperholding accessories
Eldon Office Products	●	●	box, shelves, sorter, tubs
Electri-Cable Assemblies			task lighting fixtures, organizer
Executive Office Concepts		●	compatable w/specialty components
Filing Equipment Inc.	●	●	
Frank Eastern Co.	●	●	
GF Furniture Systems Inc.	●	●	
Glaro			planters, signs
Glassform	●	●	
Hamilton Sorter Co. Inc.		●	
Harmon		●	
Harter	●	●	
Haworth Inc.	●	●	cable managers, tack boards, visual air communicators, coat hook, media storage bar, ambient lighting
Interact/Acoustical Screens Corp.			binder bins, pedestals, shelves, work surfaces, extensions
Interior Woods Inc.	●	●	
Invincible Metal Furn. Co.	●	●	coat racks, lighting, RDU, shelving
Jackson Northeast Inc.		●	shelves, storage
Jansko		●	shelves, storage
Kinetics Furniture	●	●	
Knoll International	●	●	
Krueger Inc.	●	●	
Krug Furniture	●		
LBF Office Systems	●	●	
Lehigh Leopold	●	●	cabinets
Levolor Lorentzen Inc.			blinds/vertical & horizontal
Litton Business Furniture (LBF)	●	●	
Lunstead Inc.		●	
Madison Furniture		●	coat hooks
MAX by Amstore	●	●	
McDonald Product Corp.	●	●	file & media storage, modular desk accessories
Metalstand		●	
Herman Miller Inc.	●	●	work tools & paper management
Mode Corp.		●	
Modern Mode Inc.	●	●	tasklights
Modu-Build Inc.	●	●	complete range
National Office Furniture			overhead storage
Nello Systems		●	cabinets
Office Suites			shelves, flipper door & tambour
Open Office Products			bookshelves
Packard Industries Inc.	●	●	telephone mount
Panel Concepts, L.P.		●	
Pleion		●	tackboards
Precision Mfg. Inc.		●	
RoseJohnson		●	
Rosemount Office Systems Inc.	●	●	letter tray & letter ladder
Round Office/Rodegard Assoc.		●	shelving
Samsonite Furniture Co.	●	●	coat hooks
Shaw-Walker	●	●	
Smokador	●	●	desk/worksurface-mtd. shelf
Stow & Davis Furniture Co.		●	
Structural Concepts	●	●	
The Tandem Group	●	●	
Tibbet, Inc.			overhead storage
Transwall Corp.			coat hooks
Vran Assoc.	●		signage, marking, & bulletin bds.
Vogel-Peterson			wardrobe products
Walker Systems Inc.			picture hanging devices
Westinghouse Furniture Systems	●	●	
Westwood Mfg.			adjustable drafting boards
Wolff Wire	●	●	trays, shelving
Wright Line Inc.		●	conversion hanger bars

MASKING SOUND SYSTEMS

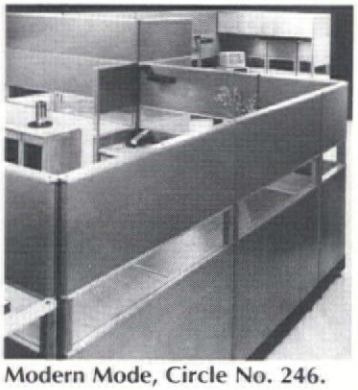
Bolt Beranek and Newman Inc.
Control Electronics Co.
Dukane Corp.
Dyna-Systems Inc.
Filing Equipment, Inc.
Frank Eastern Co.
Insul-Art Acoustics Corp.
Office Technologies
Orfield Associates
Owens-Corning Fiberglas
Sound Industries

CARPET TILES

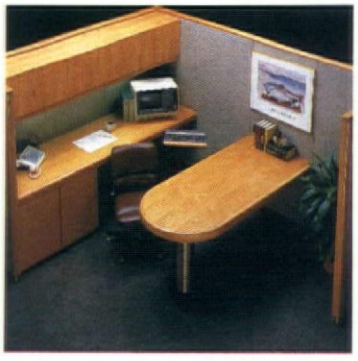
American Floor Products Co.
Amertex Carpet
BASF Fibers
Bentley Mills, Inc.
Carpet Innovations Inc.
Carson Pirie Scott & Co.
Collins & Aikman, Inc.
Contract Carpets Intl.
Contract Distributors Corp.
Design Resources Center
Desso (USA) Inc.
Ben Elfman & Son/Omni Carpet
Eurotex Inc.
Forbo North America, Inc.
The Harbinger Co.
Harmil Carpet
Hollytex Carpet Mills
Innocrete Systems Inc.
Institutional Carpet Mills
Interface Flooring Systems
Interior Acoustic
J & J Industries
KVTV Ltd.
Karastan/Bigelow
Kenmore Carpet Corp.
Knoll Carpet, Inc.
Lane's Floor Coverings, Inc.
Jack Lenor Larsen
Lees Commercial Carpet Co., Div., Burlington Industries Inc.
Loboflor, Div. of Bonar-Flotex
Manchester Intl.
Milliken Contract Carpets, Inc.
Mohawk Carpet, Div., Mohasco Corp.
Mort West Mills, Div. of Crest Carpet Co.
Nello Systems Co.
Hugh Nelson, Inc.
Patrick Carpet Mills
Philadelphia Carpets
Stark Carpet Corp.
Storagewall
Stratton Inds., Inc.
Tate Architectural Prods. Inc.
United States Modular Carpet
United Technical Products, Inc.
V.I.P. Sales Inc.
Wunda Weve Carpet Co.

INSTALLATION SPECIALISTS

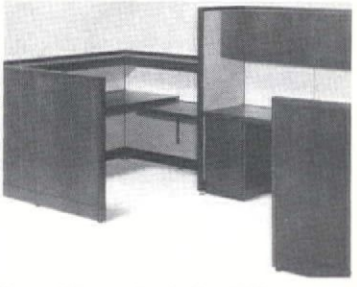
Advanced Design Panel System
Aimm Corp.
Certified Industrial Services
Certified Installation & Storage of Atlanta
Cole Business Furniture
Commercial Interior Specialists, Inc.
Complete Installation Services, Inc.
Core Contracting Inc.
Design Resource Group
Elgem Nationwide Open Plan Installers
Furniture Consultants, Inc.
Furniture Systems Specialists
IOI Installations, (Danville, Calif.)
IOI Installation Group
Modu-Build Inc.
Modular Office Installation
Nello Systems Co., Inc.
Productive Office Furniture Installers
Southern Office Services, Inc.
Wegman Associates Inc.



Modern Mode, Circle No. 246.



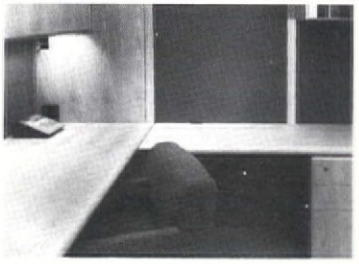
Modular Designs, Circle No. 247.



Scandiline, Circle No. 251.



Structural Concepts, Circle No. 416.



Hardwood House, Circle No. 230.

OPEN PLAN DIRECTORY

ALPHABETICAL

AMP Products Corp.
P.O. Box 1776
Southeastern, PA 19399
215/647-1000

Abstracta Structures
347 Fifth Ave.
New York, NY 10016
212/532-3710

Acco International
770 S. Acco Plaza
Wheeling, IL 60090
312/541-9500

Acme Office Group
513 Porter Ave.
Brooklyn, NY 11222
718/387-6400

Acousti-Forms Inc.
7831 Hickory St., NE
Minneapolis, MN 55432
612/571-6033

Acoustical Partitions
144 Race St.
Holyoke, MA 01040
413/533-3986

Acoustone Corp., Newcastle Fabric Div.
80 Wythe Ave.
Brooklyn, NY 11211
718/782-5560

Adanlocke Office Envir.
55 Jones & Gifford
Jamestown, NY 14701
716/483-1551

Advance Design Panel Systems
1 Peru Rd.
Dubuque, IA 52001
319/556-0456

Advance Office Concepts
507 Shoreview Park Rd.
St. Paul, MN 55126
612/481-0151

Aimm Corp.
111 E. Luray
Philadelphia, PA 19120
215/324-7400

Ainsley Contract Lighting
1099 Flushing Ave.
Brooklyn, NY 11237
718/366-5400

Alcan Building Prods.
2401 Parkman Rd. NW
Warren, OH 44485
800/438-4461

Alkco
P.O. Box 1389
11500 W. Melrose St.
Franklin Park, IL 60131
312/451-0700

All Systems
17871 Peru Rd.
Dubuque, IA 52001-9801
319/556-0456

Allsteel, Inc.
Allsteel Dr.
Aurora, IL 60507
312/859-2600

Alma Desk
P.O. Box 2250
High Point, NC 27261
919/885-4101

American Floor Products
5010 Boiling Brook Pky.
Rockville, MD 20852
301/770-6500

American Seating
901 Broadway NW
Grand Rapids, MI 49504
616/456-0600

Amstore Systems Inc.
716 Nims St.
Muskegon, MI 49443
616/722-6681

Anderson Hickey
1610 Industrial Dr.
Henderson, TX 75652
214/657-9531

Anderson Power Prods.
145 Newton St.
Boston, MA 02135
617/787-5880

Architectural Wall Systems
3637 Sysco Ct. SE
Grand Rapids, MI 48508
616/949-7081

Armstrong World Inds.
P.O. Box 3001
Lancaster, PA 17604
717/396-3658

Artec
1600 Royal St.
Jasper, IN 47546
812/482-1600

Artemide Inc.
30-30 Thompson Ave.
Intl. Design Ctr., 528 Ctr. I
Long Island City, NY 11101
212/980-0710

Artmet Prods.
15935-114 Ave.
Edmonton, AB T5M
2Z3 Canada
403/452-7522

Artopex Inc.
2121 Berlier St.
Laval, PQ H7L
3M9 Canada
514/332-4420

Aspects Inc.
P.O. Box 1799
Redlands, CA 92373
714/794-7722

Atelier Internat.
30-20 Thomson Ave.
IDCNY Center 2
Long Island City, NY 11101
718/392-0300

Atlantic Data Furniture Prods.
4507 W. Alva Ave.
Tampa, FL 33614
813/879-3504

BIF Inc.
2230 Tubeway Ave.
City of Commerce, CA 90040
213/725-0711

BLI Corp.
507 Canal St.
Stamford, CT 06902
203/325-3883

Baker Furniture
Contract Div.
917 Merchandise Mart
Chicago, IL 60654
312/329-9410

Louis Baldinger & Sons
19-02 Steinway St.
Astoria, NY 11105
718/204-5700

Baldwin Hardware Corp.
841 Wyomissing Blvd., Box 82
Reading, PA 11735
215/777-7811

Bannerworks Inc.
558 First Ave. S.
Seattle, WA 98104
206/622-8734

Barricks Mfg. Co.
P.O. Box 1612
Gadsden, AL 35902
205/442-2600

Bekins Distribution Services
5 American Industrial Dr.
Maryland Heights, MO 63043
314/434-3400

Benedetti Corp.
1500 S. Evergreen Ave.
Los Angeles, CA 90023
213/261-3000

Benjamin Div. of Thomas Inds.
P.O. Box 180, Rte. 70 S.
Sparta, TN 38583
615/738-2241

Bentley Mills, Inc.
14641 E. Don Julian Rd.
City of Industry, CA 91746
818/333-4585

Joel Berman Assoc.
Stretchwall Div.
42-03 35th St.
Long Island City, NY 11101
718/729-2020

Best Manufacturing
1202 N. Park Ave.
Montrose, CO 81401
303/249-2378

Beylerian, Ltd.
305 E. 63 St.
New York, NY 10021
212/755-6300

Bieffeplast
Gullans Intl. Div.
IDCNY Center One-Space 407
Long Island City, NY 11101
718/937-2310

Bigelow Sanford, Inc.
P.O. Box 3089
Greenville, SC 29602
803/299-2000

Biltrite Nightingale
10251 Ray Lawson Blvd.
Montreal, PQ H1J
1L7 Canada
514/352-7770

H.L. Birum Corporation
Rte. 29
Frenchtown, NJ 08825
201/996-3113

Bolt Beranek & Newman
10 Moulton St.
Cambridge, MA 02238
617/491-1850

Borroughs Mfg. Corp.
3002 N. Burdick St.
Kalamazoo, MI 49007
800/253-4083

Brand-Rex Co.
1600 W. Mainstreet
Willimantic, CT 06226
203/423-7783

Brayton Intl.
255 Swathmore Ave.
High Point, NC 27264
919/434-4151

Bretford/Knox
9715 Soreng Ave.
Schiller Park, IL 60176
312/678-2545

Brewster Corp.
P.O. Box B
Old Saybrook, CT 06475
203/388-4441

Burndy Corp. (Flexway)
Richards Ave.
Norwalk, CT 06856
203/838-4444

Business Accessories
P.O. Box 610
Amherst, NY 14226-0610
416/453-0136

C I Designs
P.O. Box 590
574 Boston Ave.
Medford, MA 02155
617/381-7800

CIS/Certified Industrial Services
4 Park Ave.
New York, NY 10016
212/683-3233

C-Tec Inc.
3343 Lousma Dr. SE
Grand Rapids, MI 49508
616/243-2211

Cambridge Wire Cloth
P.O. Box 399
Cambridge, MD 21613
301/228-3000

Cano Corp.
225 Industrial Rd.
Fitchburg, MA 01420
617/342-0953

Capaul
1300 Division St.
Plainfield, IL 60544
815/436-8500

Capri Lighting
6430 E. Slauson Ave.
Los Angeles, CA 90040
213/726-1800

L.E. Carpenter & Co.
170 N. Main St.
Wharton, NJ 07885
201/366-2020

Castelli Furniture Inc.
116 Wilbur Pl.
Bohemia, NY 11716
516/589-0707

Celotex Corp.
1500 N. Dale Mabry
Tampa, FL 33607
813/871-4811

Centercore Inc.
250 Corporate Ct.
S. Plainfield, NJ 07080
201/561-7755

Certified Installation & Storage
540-A Armour Circle
Atlanta, GA 30324
404/881-1028

Checkmate Interior Systems, Inc.
433 Liberty St.
Little Ferry, NJ 07643
201/440-5720

Chicago Metallic Corp.
4849 S. Austin Ave.
Chicago, IL 60638
312/563-4600

Claridge Products & Equip.
P.O. Box 910
Harrison, AR 72602
501/743-2200

Coast Light Systems
1359 Channing St.
Los Angeles, CA 90021
714/549-9765

Cole Office Environments
P.O. Box M26
640 Whiteford Rd.
York, PA 17405
717/854-1545

Collins & Aikman
Floor Coverings Div.
Smith Industrial Blvd.
Dalton, GA 30720
404/259-9711

Color Line
35005 Michigan Ave.
Wayne, MI 48184
313/721-4040

Commercial Interior Specialists
18101 S. Figueroa St.
Gardena, CA 90248
213/515-0990

Complete Installation Services
5919 Verona Rd.
Verona, PA 15147
412/793-6659

Condi
Pacific Furniture
P.O. Box 5912
1965 E. Vista Bella Way
Compton, CA 90224-5912
213/774-8300

Contemporary American Furn.
1821 W. Berteau
Chicago, IL 60613
312/348-4355

Contemporary Products
7 Grand Blvd. N.
Brentwood, NY 11717
516/231-4370

Contract Carpets Internt'l
P.O. Box 70095
Marietta, GA 30007
404/587-2244

Contract Distributors
505 Park Ave.
New York, NY 10022
212/308-3111

Contract Lighting Sys.
31 Grove St.
New Canaan, CT 06840
203/966-9550

Control Electronics
107B Allen Blvd.
Farmingdale, NY 11735
516/694-0125

Conwed Designscape
3433 Broadway St., NE, #415
Minneapolis, MN 55413
612/331-2540

Core Contracting
P.O. Box 238
Verona, PA 15147
412/793-7170

Corona Decor Co.
260 39 Ave. E.
Seattle, WA 98102
206/325-0972

CorryHiebert
511 E. John Carpenter Fwy.
Irving, TX 75062
214/506-9500

Cramer Inc.
625 Adams St.
Kansas City, KS 66105
913/621-6700

Craxton Acoustical Prods.
2838 Vicksburg Ln.
Plymouth, MN 55447
612/553-9890

Creative Dimensions
1255 E. Lincoln Ave.
Nappanee, IN 46550
219/773-7771

Croydon Furniture Sys.
P.O. Box 340
1 Hespeler Rd.
Cambridge, ON N1R
5V4 Canada
519/621-6300

Custom Wall Services
3 College Rd.
Monsey, NY 10952
212/662-1380

Danwood Design
21616 87 Ave., S.E.
Woodinville, WA 98072
206/485-8524

Data-Mate
P.O. Box 408
46 Bridge St.
Nashua, NH 03061
800/258-1768

Datum Filing Sys.
270 Adams Blvd.
Farmingdale, NY 11735
516/293-4550

Davis Furniture Inds. Inc.
602 W. Linden St.
High Point, NC 27260
919/889-2009

Dazor Mfg. Corp.
4483 Duncan Ave.
St. Louis, MO 63110
314/652-2400

Decar Corp.
7915 University Ave.
Middleton, WI 53562
608/836-1911

Decoustics Ltd.
65 Disco Rd.
Rexdale, ON M9W
1M2 Canada
416/675-3983

Delco Associates
P.O. Box 423
Greenwich, CT 06836
203/661-5101

Delta Mfg. & Sales
728 111th St.
Arlington, TX 76010
817/640-1550

Design Galleries
1628 Merchandise Mart
Chicago, IL 60654
312/644-5860

Design Group Inc.
5875 S.W. Lakeview Blvd.
Lake Oswego, OR 97035
800/227-7720

Design Resource Group
1269 Majesty Dr.
Dallas, TX 75247
214/634-7350

Design Resources Center
3226 Olive St.
St. Louis, MO 63103
314/531-7222

Desso (USA) Inc.
8687 Melrose Ave., Ste. 209
Los Angeles, CA 90069
213/855-1842

Domore Corp.
2400 Sterling Ave.
Elkhart, IN 46515
219/293-0621

Donn Corp.
1000 Crocker Rd.
Westlake, OH 44145
216/871-1000

Dukane Corp.
2900 Dukane Dr.
St. Charles, IL 60174
312/584-2300

Dyna-Systems, Inc.
5371 Tennyson St.
Denver, CO 80212
303/455-5400

Dynel Internat'l
P.O. Box 107
Zeeland, MI 49464
616/772-6429

Dyrotech Industries
104 N. Chicago St.
Joliet, IL 60434
815/727-5000

Ebco Contract Furn.
1221 Erie Ave.
Sheboygan, WI 53081
414/458-8731

Eldon Office Prods.
1130 E. 230 St.
Carson, CA 90745
213/518-1600

Electri Cable Assemblies Inc.
44 Canel St.
Shelton, CT 06484
203/735-4414

Electrix Inc.
45 Spring St.
New Haven, CT 06519
203/776-5577

Elgem Nationwide Installers
4620 Flatlands Ave.
Brooklyn, NY 11234
718/338-9500

Elliptiar Inc.
145 Orange Ave.
New Haven, CT 06516
203/932-2266

Epic Metals Corp.
11 Talbot Ave.
Rankin, PA 15104
412/351-3913

Estel U.S.A.
Peachtree Ind. Blvd.
Atlanta, GA 30360
404/446-0933

Eurotex Inc.
165 W. Ontario St.
Philadelphia, PA 19140
215/739-8844

Executive Office Concepts
1715 Anderson Ave.
Compton, CA 90220
213/537-1657

Fabri-Trak
201 E. 28th St.,
N.Y., NY 10016
212/532-2393

Fabric Interiors
201 E. 28th St.
New York, NY 10016
212/889-5649

Fantoni USA Inc.
104 Greene St.
New York, NY 10012
212/219-2321

Feldman Co.
612 S. Wall St.
Los Angeles, CA 90014
213/627-6731

Filing Equipment
P.O. Box 457
Ringgold, GA 30736
800/241-5246

Flex-Y-Plan
6960 West Ridge Rd.
Fairview, PA 16415
814/474-1565

Floating Floors, Inc.
795 Berdan Ave.
Toledo, OH 43610
419/476-8772

Forbo North America
218A W. Orange St.
Lancaster, PA 17603
717/291-5874

Forms + Surfaces
1170 Coast Gillage Rd.
Santa Barbara, CA 93108
805/969-7721

Fostoria Industries
1200 N. Main St.
Fostoria, OH 44830
419/435-9201

Frank Eastern Co.
599 Broadway
New York, NY 10012
212/219-0007

Furniture Consultants
228 E. 45 St.
New York, NY 10017
212/935-9218

Furniture Systems Spec.
179 Chelmsford St.
Lowell, MA 01851
617/452-4767

G.F. Furniture Sys.
P.O. Box 1108
4944 Belmont Ave.
Youngstown, OH 44501
216/759-8888

GHP Inc.
11453 Hillguard Rd.
Dallas, TX 75243
214/343-0004

G/O Furniture
2392 E. 48 St.
Los Angeles, CA 90058
213/589-9181

GTE Sylvania Lighting
U.S. Lighting Div.
100 Endicot Ave.
Danvers, MA 01923
617/777-1900

Gardco Lighting
2661 Alvarado St.
San Leandro, CA 94577
415/357-6900

Geiger Internat'l
5701 Steeles Ave. W.
Toronto, ON M9L 1S7 Canada
416/745-9365

General Drapery Services
635 W. 23 St.
New York, NY 10011
212/924-7200

General Mica Corp.
1850 N.E. 144 St.
N. Miami, FL 33181
305/949-7247

Gilford Inc.
19 W. 21 St.
New York, NY 10010
212/243-2700

Glaro Inc.
P.O. Box 3039
735 Old Willets Path
Smithtown, NY 11787
516/234-1717

Globe Amerada Glass
2001 Greenleaf Ave.
Elk Grove Village, IL 60007
312/364-2900

Globe Industries
2638 E. 126 St.
Chicago, IL 60633
312/646-1300

The Gunlocke Co.
One Gunlocke Dr.
Wayland, NY 14572
716/728-5111

Guth Lighting
Sub. Jac Jacobsen Inc.
2615 Washington Blvd.
P.O. Box 7079
St. Louis, MO 63177
314/533-3200

HLF Furniture, Inc.
12000 Merriman Rd.
Livonia, MI 48150
313/425-7820

The HON Company
200 Oak St.
Muscatine, IA 52761
319/264-7100

Haller Systems Inc.
17741 Cowan Ave.
Irvine, CA 92714
714/660-1555

Halo Lighting Div.
4500 Busse Rd.
Elk Grove Village, IL 60007
315/956-8400

Hamilton Sorter Co.
3158 Production Dr.
Fairfield, OH 45014
513/874-9498

Hardwood House
569 Lyell Ave.
Rochester, NY 14606
716/254-0600

Harmil Carpet Inc.
969 Third Ave.
New York, NY 10022
212/838-1330

Harmon
P.O. Box 1464
Tacoma, WA 98401
206/383-5367

Harpers
2027 Harpers Way
Torrance, CA 90501
213/320-6400

Harter Corp.
400 Prairie Ave.
Sturgis, MI 49091
616/651-3201

Haworth, Inc.
One Haworth Center
Holland, MI 49423
616/392-5961

Helikon Furniture
607 Norwich Ave.
Taftville, CT 06380
203/886-2301

Hemisphere Steel Products Corp.
56 N. 11th St.
Brooklyn, NY 11211
718/388-6705

Hollytex Carpet Mills
300 N. Baldwin Park Blvd.
City of Industry, CA 91749
818/369-3661

Hoover Systems/Acoustical Screens
12118 Corporate Dr.
Dallas, TX 75228
214/270-6471

House-O-Lite
4041 S. Emerald Ave.
Chicago, IL 60609
312/376-9780

Howe Furniture Corp.
12 Cambridge Dr.
Trumbull, CT 06611
203/374-7833

Hubbell Inc.
Wiring Device Div.
State St. & Bostwick Ave.
Bridgeport, CT 06605
203/333-1181

Hund Office Furniture
170 N. Brandon Dr.
Glendale Heights, IL 60139
312/529-0038

Hunter Douglas
4680 Highlands Pky.
Smyrna, CA 30080
404/432-1364

IEM Marketing
251 W. Garfield Rd.
Aurora, OH 44202
800/633-7653

IOI Installations
1550 W. Fort St.
Detroit, MI 48216
313/961-2357

IOI Installations
671 Silver Lake Dr.
Danville, CA 94583
415/866-1003

Indal Furniture Sys.
350 Clayson Rd.
Weston, ON M9M 2L5 Canada
416/745-2244

Indalux
Subs. Spaulding Lighting
1736 Dreman Ave.
Cincinnati, OH 45223
513/541-3486

Industrial Acoustics Co.
1160 Commerce Ave.
Bronx, NY 10462
212/931-8000

Innocrete Systems, Inc.
49 Meeker Ave.
Cranford, NJ 07016
201/272-0573

The Installation Group
15608 E. 18th Ave.
Aurora, CO 80011
303/337-2660

Insul Art Acoustics
107 Allen Blvd.
Farmingdale, NY 11735
516/694-0002

Intalite Inc.
9855 Meilleur St.
Montreal, PQ H3L
3J6 Canada
514/382-2793

Intalite Louvers and Ceilings
3611 Commercial Ave.
Northbrook, IL 60062
312/564-1570

Interact/Acoustical Screens
79 Industrial Dr.
E. Longmeadow, MA 01028
413/525-6613

Interface Flooring Systems
P.O. Box 1503
Orchard Hill Rd.
La Grange, GA 30241
404/882-1891

Interior Acoustics
P.O. Box 839
Bellemeade, NJ 08502
201/874-4155

Interior Woods, Inc.
16318 Meridian S.
Puyallup, WA 98373
206/848-2200

Interna Designs Ltd.
16000 Phoenix Dr.
City of Industry, CA 91745
818/968-5685

InterRoyal Corp.
P.O. Box 91
Community Ave.
Plainfield, CT 06374
203/564-3341

Invincible Metal Furn.
842 S. 26th St.
Manitowoc, WI 54220
414/682-4601

J&J Industries
P.O. Box 1287
J&J Dr.
Dalton, GA 30720
404/278-4454

JG Furniture Systems
121 Park Ave.
Quakertown, PA 18951
215/536-3353

Jackson Northeast Inc.
245 Market St.
Lawrence, MA 01842
617/687-7212

Jansko, Inc.
1800 SW 34 St.
Ft. Lauderdale, FL 33315
800/327-2725

Jason Industrial
340 Kaplan Dr.
Fairfield, NJ 07006
201/227-4904

Jofco
P.O. Box 71
Jasper, IN 47546
812/482-5154

Juno Lighting
2001 S. Mt. Prospect Rd.
Des Plaines, IL 60018
312/827-9880

Keene Corp. Genlyte
100 Lighting Way
Secaucus, NJ 07094-0508
201/864-3000

Keene Lighting Prods.
21 Industrial Way
Wilmington, MA 01887
617/657-7600

Kimball Office Funiture
1600 Royal St.
Jasper, IN 47546
812/482-1600

Kinetics Furniture
110 Carrier Dr.
Rexdale, ON M9W
5R1 Canada
416/675-4300

Knoll International
655 Madison Ave.
New York, NY 10021
212/207-2200

Koch & Lowy, Inc.
21-24 39th Ave.
Long Island City, NY 11101
718/786-3520

Kroin Inc.
Charles Sq., #300
Cambridge, MA 02138
617/492-4000

Krueger, Inc.
P.O. Box 8100
1330 Bellevue St.
Green Bay, WI 54308-8100
414/468-8100

Krug Furniture Inc.
P.O. Box 9035
421 Maniton Dr.
Kitchener, ON N2G
4J3 Canada
519/893-1100

LBF Office Systems
640 White Ford Rd.
York, PA 17405
717/854-1545

LPI Inc.
P.O. Box 608
2155 Delany
Gurnee, IL 60031
312/360-0010

LUI-Laminates Unlimited, Inc.
5500 E. Lombard St.
Baltimore, MD 21224
301/522-4135

OPEN PLAN DIRECTORY

ALPHABETICAL

L'Image
8155 Larrey St.
Ville d'Anjou PQ H1J
2L5 Canada
514-1353-8760

Lamica Corp.
P.O. Box W
Rte. 59
Hillburn, NY 10931
914/368-1200

Lane's Floor Coverings, Inc.
192 Lexington Ave.
New York, NY 10016
212/532-5200

Jack Lenor Larsen
41 E. 11 St.
New York, NY 10003
212/674-3993

Ledu Corp.
P.O. Box 358
25 Lindenman Dr.
Trumbull, CT 06611
203/371-5500

Lees Commercial Carpet
Valley Forge Corporate Ctr.
King of Prussia, PA 19406
800/523-5647

Lehigh-Leopold
One Joyce Dr.
Burlington, IA 52601
800/553-2371

Levolor Lorentzen Inc.
1280 Wall St. W.
Lyndhurst, NJ 07071
201/299-1190

Light/Inc.
979 Third Ave., #402
New York, NY 10022
212/838-1130

Light Works
3345 W. Hunting Park Ave.
Philadelphia, PA 19132
215/223-9200

Lighting Associates, Inc.
305 E. 63rd St.
New York, NY 10021
212/751-0575

Lighting Products, Inc.
2155 N. Delany Rd.
Gurnee, IL 60031
312/360-0010

Lighting Services Inc.
150 E. 58 St.
New York, NY 10155
212/838-8633

Lightolier Inc.
100 Lighting Way
Secaucus, NJ 07094
201/864-3000

Lista International Corp.
2520 Mira Mar Ave.
Long Beach, CA 90815
213/498-0097

Litecontrol Corp.
Hawks Ave., P.O. Box 247
Hanson, MA 02341
617/294-0100

Litelab Corp.
251 Elm St.
Buffalo, NY 14203
716/856-4300

Litton Business Furniture
1629 Litton Dr.
Stone Mountain, GA 30083
404/939-4115

Loboflor
1909 Hi-Line, Ste. L
Dallas, TX 75207
214/651-1423

Lombardo & Co.
300 Richardson St.
Brooklyn, NY 11222
718/388-4024

Lunstead, Inc.
8655 S. 208th St.
Kent, WA 98031
206/872-8835

Luxo Lamp Corp.
Sub. Jac Jacobsen Inds.
36 Midland Ave.
Portchester, NY 10573
914/937-4433

MPC Inc.
Noise Control Div.
835 Canterbury Rd.
Westlake, OH 44145
216/835-1405

Madison Furniture
P.O. Box D
High Point, NC 27261
919/889-0411

Magna Design, Inc.
Box 1354
5804-204th St., SW
Lynnwood, WA 98046
206/776-2181

Major Partitions, Inc.
P.O. Box 2167
Irwindale, CA 91706
213/686-1998

Manchester Intl. Inc.
P.O. Box 1463
Calhoun, GA 30701
404/625-0810

The Marvel Group Inc.
3843 W. 43rd St.
Chicago, IL 60632
800/621-8846

Mary Street Studio
346 Mary St.
Saugatuck, MI 49453
616/857-4722

McDonald Products Corp.
2685 Walden Ave.
Buffalo, NY 14225
800/828-7788

Meridian Inc.
P.O. Box 768
18558 171st Ave.
Spring Lake, MI 49456
616/846-0280

Metalstand Co.
11200 Roosevelt Blvd.
Philadelphia, PA 19115
215/673-5300

Metropolitan Furniture
245 E. Harris Ave.
San Francisco, CA 94080
415/871-6222

Midland-Ross Corp.
P.O. Box 1548
Pittsburgh, PA 15230
412/323-5400

Milcare Inc.
2855 44th St., SW
Grandville, MI 49418
616/530-4300

Herman Miller Inc.
8500 Byron Rd.
Zeeland, MI 49464
616/530-4006

Milliken and Company
201 Industrial Dr.
La Grange, GA 30240
404/883-5511

Mitsubishi Electric Sales
P.O. Box 6007
5757 Plaza Dr.
Cypress, CA 90630
714/220-2500

Mode Corp.
14700 Doolittle Dr.
San Leandro, CA 94577
415/895-8570

Modern Mode, Inc.
111 San Leandro Blvd.
San Leandro, CA 94577
415/568-6650

Modern Plastics
152 Horton St.
Wilkes-Barre, PA 18702
717/822-1124

Modu-Build Inc.
1750 Steeles Ave., W.
Concord, ON L4K
2L7 Canada
416/665-1793

Modular Designs, Inc.
15541 Mosher Ave.
Tustin, CA 92680
714/259-9560

Modular Office Installations
P.O. Box 1513
Bridgeview, IL 60455
312/436-4818

Modulightor
54 W. 57th St.
New York, NY 10019
212/765-1480

Mohawk Carpet
Div. Mohasco Corp.
1755 The Exchange
Atlanta, GA 30339
404/951-6000

Monning Partitions, Inc.
54-60 46th St.
Maspeth, NY 11378
718/361-0808

Mueller Furniture Corp.
P.O. Box 2624
514 Fifth St., NW
Grand Rapids, MI 49501
616/451-2738

Multiplex Display Fixture
1555 Larkin Williams Rd.
Fenton, MO 63026
314/343-5700

Myrtle Desk Co.
P.O. Box 2490
High Point, NC 27261
919/885-4021

National Office Furniture
1600 Royal St.
Jasper, IN 47546
812/482-1600

Nello Systems Co. Inc.
7079 Brookdale Dr.
Baltimore, MD 21227
301/796-3750

Nelson-Adams Co.
Acoustical Screen Div.
1872 Rollins Rd.
Burlingame, CA 94010
415/589-3787

Neo Ray Lighting Products
537 Johnson Ave.
Brooklyn, NY 11237
718/456-7400

Nesson Lamps Inc.
621 E. 216 St.
Bronx, NY 10467
212/231-0221

Nichols-Homeshield
3755 E. Main St.
St. Charles, IL 60174
312/377-7900

Norsons Industries Inc.
P.O. Box 606
543 Union St.
Brooklyn, NY 11215
800/438-6776

Nucraft Furniture Co.
1615 Eastern Ave.
Grand Rapids, MI 49507
616/241-1605

Glen O'Brien
5301 E. 59 St.
Kansas City, MO 64130
816/523-7416

Office Specialty
440 N. Wells St.
Chicago, IL 60610
312/661-0067

Office Suites Inc.
359 N. Wells St.
Chicago, IL 60610
312/467-6290

Office Systems Installations
2647 Market St.
Garland, TX 75041
214/278-2116

Office Technologies
4551 Bloomington Ave. S.
Minneapolis, MN 55407
612/721-2457

Omni International Inc.
12 St., NW
Vernon, AL 35592
205/695-9173

Open Office Design & Eng.
P.O. Box 34463
Phoenix, AZ 85067
602/371-1981

Open Office Products
3031 N. 31 Ave.
Phoenix, AZ 85017
602/272-6773

Open Plan Accessories
3800 Paterson Ave., SE
Grand Rapids, MI 49508
616/949-4310

Optimum Ergonomics
695 Berry St.
Winnipeg, MB R3H
0S4 Canada
204/772-0333

Orfield Associates, Inc.
4551 Bloomington Ave. S.
Minneapolis, MN 55407
612/721-2455

Owens-Corning Fiberglas Corp.
Fiberglas Tower
Toledo, OH 43659
419/248-7505

PCI/Tandem
6905 Aragon Circle
Buena Park, CA 90620-1118
714/521-6222

Packard Industries, Inc.
1515 U.S. 31 N.
Niles, MI 49120
800/253-0866

Panel Concepts, L.P.
3001 S. Yale St.
Santa Ana, CA 92704
714/979-3680

Park Sherman Inc.
465 Eagle Rock Ave.
Roseland, NJ 07068
201/228-3600

Patrick Carpet Mills
2937 Maria St.
Rancho Dominguez,
CA 90221
213/636-0861

Peabody Noise Control Inc.
6300 Ireland Pl.
Dublin, OH 43017
614/889-0480

Peter Pepper Products Inc.
17929 S. Susana Rd.
Compton, CA 90221
213/979-0815

Philadelphia Carpets
616 E. Walnut Ave.
Dalton, GA 30720
404/278-3812

Pirelli Cable Corp.
35 Uwchlan Ave.
Exton, PA 19341
215/363-1180

Pleion Corp.
1420 E. Chestnut
Santa Ana, CA 92701
800/222-3322

Polychromic Designs
P.O. Box 354
Bellmore, NY 11711
516/643-4227

Precision Mfg. Inc.
2200 52nd Ave.
Lachine, PQ H8T
2Y6 Canada
514/631-2120

Prima Products
2102 Adams Ave.
San Leandro, CA 94577
415/569-6991

Procaccino
32 Strawberry St.
Philadelphia, PA 19106
215/925-9114

Productive Office Furniture Installers
2370 NW 150 St.
Miami, FL 33054
305/681-8219

R/J Contracting Service
725 County Line Rd.
Deerfield, IL 60015
312/498-9180

Raceway Components
263 Hillside Ave.
Nutley, NJ 07110
201/661-1116

Ram Partitions
Div. Indal Ltd.
125 Oakdale Rd.
Downsview, ON M3M
1W2 Canada
416/745-2244

Reff Inc.
100 Arrow Rd.
Weston, ON M9M
2Z1 Canada
416/741-5453

Reloc
Box A
Conyers, GA 30207
404/922-9000

Ron Rezek Lighting + Furniture
5522 Venice Blvd.
Los Angeles, CA 90019
213/836-1572

Richards-Wilcox
174 Third St.
Aurora, IL 60507
312/897-6951

H.H. Robertson Co.
400 Holiday Dr.
Pittsburgh, PA 15220
412/928-7500

Rockaway Inc.
175 Roger Ave.
Inwood, NY 11696
516/239-1000

Edward Axel Roffman
430 E. 59th St.
New York, NY 10022
212/753-4252

Ben Rose, Inc.
6828 N. Clark St.
Chicago, IL 60626
312/274-8185

RoseJohnson
111 Godfrey Ave., SW
Grand Rapids, MI 46503
616/246-0246

Rosemount Office Systems, Inc.
21785 Hamburg Ave.
Lakeville, MN 55044
800/328-6446

Round Office/Rodegard Assoc.
25 Van Ness Ave.
San Francisco, CA 94102
415/626-5793

Roxter Mfg. Corp.
10-11 40 Ave.
Long Island City, NY 11101
718/392-5060

SPI Lighting, Halo Div.
McGraw Edison Co.
7601 Durand Ave.
Racine, WI 53405
414/554-5600

Samsonite Furniture Co.
Samsonite Blvd.
Murfreesboro, TN 37130
615/893-0300

Scandiline
1217 W. Artesia Blvd.
Compton, CA 90220
213/537-6411

Shaw-Walker
P.O. Box 209
Muskegon, MI 49443
616/725-4200

Shogun Intl. Corp.
22 W. Ontario
Chicago, IL 60610
312/828-0090

Showcase Systems, Inc.
540 N. Commercial St.
Manchester, NH 03101
603/627-8484

Silent Sound Systems Inc.
P.O. Box 2476
Grand Rapids, MI 49501
616/784-3835

Simplex Ceiling Corp.
521 Fifth Ave.
New York, NY 10175
212/349-1890

Singer Safety Co.
2300 W. Logan Blvd.
Chicago, IL 60641
800/621-0089

Smokador
200 Carter Dr.
Edison, NJ 08818-3055
201/287-8400

Sound Absorb Inc.
603 Broad Ave.
Ridgefield, NJ 07657
201/945-1213

Sound Industries
P.O. Box 96
15 Woodcrest Dr.
N. Andover, MA 01845
617/685-3521

Southern Office Services
9700 Rodney Parham
Little Rock, AR 72207
501/225-5449

Spacemaster Lighting
1400 N. 25 Ave.
Melrose Park, IL 60160
312/345-2500

Spec'Built Corp.
105 Amor Ave.
Carlstadt, NJ 07072
201/438-1864

Spectrums of Light
2628 Washington Blvd.
St. Louis, MO 63103
314/533-0002

Square D Co.
5735 College Corner Pike
Oxford, OH 45056
513/523-4171

Starfire Lighting Corp.
317 St. Pauls Ave.
Jersey City, NJ 07306
201/656-7888

Steelcase, Inc.
901 44th St. SE
Grand Rapids, MI 49501
616/247-2710

Sterner Lighting Systems
351 Lewis Ave.
Winsted, MN 55395
800/328-7480

Storagewall
Boyd-Britton Assoc.
105 Green Bay Rd.
Lake Bluff, IL 60044
312/295-1860

Stow & Davis Furniture Co.
25 Summer Ave.
Grand Rapids, MI 49504
616/456-9681

Stratton Inds., Inc.
779 S. Erwin St.
Cartersville, GA 30120
404/382-9350

Structural Concepts Corp.
17237 Van Wagoner Rd.
Spring Lake, MI 49456
616/846-3300

Structural Concepts Inc.
1821 Bedford Ave.
N. Kansas City, MO 64116
816/421-4011

Sunar Hauserman Inc.
5711 Grant Ave.
Cleveland, OH 44105
216/883-1400

Superior Furniture Systems
11415-168 St.
Edmonton, AB T5M
3S1 Canada
403/452-7830

Swivelier
33 Rte. 304
Nanuet, NY 10954
914/623-3471

Sylvan Designs
8921 Quartz Ave.
Northridge, CA 91324
818/998-6868

Syma Systems, Inc.
1880 Princeton Ave.
Lawrenceville, NJ 08648-4518
609/393-1900

Syme & Associates
2062 Trans Canada Hwy.
Dorval, PQ H9P
2N4 Canada
514/685-1865

Systems Mfg. Corp.
P.O. Box 343
13 Broad St.
Binhgamton, NY 13902
607/723-6344

TSAO Design Inc.
31 Grove St.
New Canaan, CT 06840
203/966-9559

Tab Products Co.
1400 Page Mill Rd.
Palo Alto, CA 94304
415/852-2400

The Tandem Group Inc.
6905 Aragon Cir.
Buena Park, CA 90620
714/994-1441

Tate Access Floors, Inc.
7510 Montevideo Rd.
Jessup, MD 20794
301/799-4200

Tech Lighting
300 W. Superior
Chicago, IL 60610
312/337-0759

Techniques in Wood
P.O. Box 20594
Rochester, NY 14602
716/328-3800

Tectum Inc.
P.O. Box 920
1055 Sixth St.
Newark, OH 43055
614/345-9691

Teknion Furniture Systems
607 Canarctic Dr.
Downsview, ON M3J
2P9 Canada
416/661-3370

Thomas & Betts Co.
920 Rte. 202
Raritan, NJ 08869
201/685-1600

Thonet Inds., Inc.
491 E. Princess St.
York, PA 17403
717/845-6666

3M/Energy Control Products
3M Center Bldg., 225-45-08
St. Paul, MN 55144
612/736-2388

Thunder & Light
147 41st St.
Brooklyn, NY 11232
718/499-3777

Tibbet Inc.
P.O. Box 2266
155 S. Superior St.
Toledo, OH 43603
419/244-9558

Tiffany Stand and Furniture
9666 Olive St.
St. Louis, MO 63132
314/991-1700

Timbercraft Inc.
7569 Woodman Pl.
Vany Nuys, CA 91405
818/988-2174

Tradex Corp.
10875 Chicago Dr.
Zeeland, MI 49464
616/772-1630

Transwall Corporation
143 Pennsylvania Ave.
Malvern, PA 19355
215/647-3030

Trendway Corp.
13467 Quincy St.
Holland, MI 49423
616/399-3900

Troy-Trak Lighting Inc.
Sub. Jac Jacobsen Inds.
14625 E. Clark Ave.
City of Industry, CA 91746
818/330-3106

USABBCO Corp.
16250 Ventura Blvd.
Encino, CA 91436
818/784-7646

USG Acoustical Products
101 S. Wacker Dr.
Chicago, IL 60606
312/321-3852

Unifor, Inc.
2256 Northlake Pky.
Atlanta, GA 30084
404/938-5444

Union Products Intl.
1 Industrial Dr.
Cromwell, IN 46732
219/856-2196

United Technical Products
690 Turnpike St.
Canton, MA 02021
617/821-1752

Universal Building Systems Inc.
345 Phelan Ave.
San Jose, CA 95112
408/998-2477

Vaughan Walls, Inc.
P.O. Box 68518
Indianapolis, IN 46268
317/299-0700

Vecta Contract
1800 S. Great SW Pkwy.
Grand Prairie, TX 75051
214/641-2860

Vickers Business Equip.
Hawley Rd.
Dartford, Kent, Great Britain
003/222-3477

Vicrtex Wallcoverings
170 N. Main St.
Wharton, NJ 07885
201/366-2020

Vista Lighting Corp.
Sub. Jac Jacobsen Inds.
2200 S. Anne St.
Santa Ana, CA 92704
714/549-9765

Vogel-Peterson
Samsonite Furniture Co.
Samsonite Blvd.
Murfreesboro, TN 37130
800/527-6278

Vran Associates, Inc.
P.O. Box 277
74 Park Ave.
Chalfont, PA 18914
215/822-7006

Walker Systems, Inc.
534 S. 21 Ave. E.
Duluth, MN 55812
218/728-4434

Wall Technology
4699 Nautilus Ct.
Boulder, CO 80301
303/530-3237

Watson Furniture Systems
12715 Miller Rd., NE
Bainbridge Island, WA 98110
206/842-6601

Weber Costello
465 S. Lincoln Dr.
Troy, MO 63379
800/238-6009

Wegman Associates Inc.
3440 Oakcliff Rd.
Atlanta, GA 30340
404/458-0734

Wenger Corp.
555 Park Dr.
Owatonna, MN 55060
507/451-3010

Westinghouse Furn. Systems
4300 36 St. SE
Grand Rapids, MI 49508
616/949-1050

Westwood Mfg. Co.
20313 Westview Dr.
Tuolumne, CA 95379
209/928-3571

Winona Industries Inc.
P.O. Box 9
Winona, MN 55987
507/454-1860

The Wiremold Co.
60 Woodlawn St.
W. Hartford, CT 06110
203/233-6251

Wolff Wire Corp.
902 N. Rowe St.
Ludington, MI 49431
616/845-1574

Working Walls Inc.
2703 St. Clair
Cleveland, OH 44114
216/579-9161

Wright Line Inc.
160 Gold Star Blvd.
Worcester, MA 01606
617/852-4300

Wunda Weve Carpet
P.O. Box 167
Greenville, SC 29602
803/298-9176

Xception Design Ltd.
2875 Industrial Blvd.
Laval, PQ H7L
3V8 Canada
514/668-0710

Yorkraft Inc.
550 S. Pine St.
York, PA 17404
717/845-3666

Zumtobel Lighting Inc.
311 Rte. 46 W
Fairfield, NJ 07006
201/882-9600

STREAMLINED

When nature blends essential characteristics into a quintessential form, the results can be awe inspiring. We, ourselves, have taken great strides to arrive at something outstanding by perfectly integrating the right qualities. We have merged our best features to become one of the most spirited and capable companies in the industry. Formerly Hiebert and Corry Jamestown, we are now CorryHiebert. We are strength and discipline combined with sleek design. We are flexibility and grace blended with speed. We are timeless products merged with timely service. What you can expect from us is nothing less than responsive and nothing short of superior. And, in an industry where design must keep pace with the future, we will continue to be found in the lead.



CORRY HIEBERT

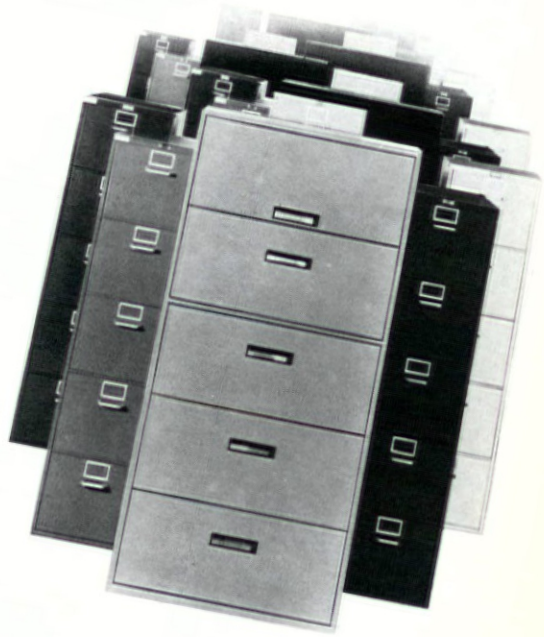
Circle 51 on reader service card

If you would like to find out more about our company call 1 800 458 0593 or write 511 Carpenter Freeway Irving Texas 75062

NEW LIFE FOR OLD OFFICES AT REAL SAVINGS

REFINISH - REFURBISH PARTITIONS ELECTRO-STATICALLY REFINISH FURNITURE - CEILINGS - MACHINERY





AEC is a national company specializing in cost-efficient office furniture refinishing. Our factory-trained crews will renew your metal desks, files and other equipment using a proven electrostatic painting process. We will also refurbish your fabric partitions and redo your desk and table tops. Or provide handsome new wood-grained cap tops manufactured in our plant.

Work is done on-site, after business hours. Your office is ready for business in the morning. And you will save 70% or more over the cost of new furniture.

COMPARE AND SAVE!

Office Size	Refinish	Replace	Save
1-person*	$186	$1,510	$1,324
50-person	$9,300	$75,500	$66,200
100-person	$18,600	$151,000	$132,400
200-person	$37,200	$302,000	$264,800

*Costs were calculated using a typically-equipped office, actual new furniture prices, and AEC's published prices for metal furniture refinishing and new wood-grained cap tops. Substantial discounts are available, depending on size and scope of project. Figures do not include costs of partitions.



AMERICAN ELECTRO-COATINGS

To determine how we can serve your needs, call for a free brochure 1-800-321-6090. In Ohio call 216-333-9161.
American Electro-Coatings Corporation, 20325 Center Ridge Road, Cleveland, Ohio 44116.

Circle 52 on reader service card



September 1-2
Moscone Center, San Francisco

Workspace 87
5th Annual Exhibition + Conference
For the Office Environment

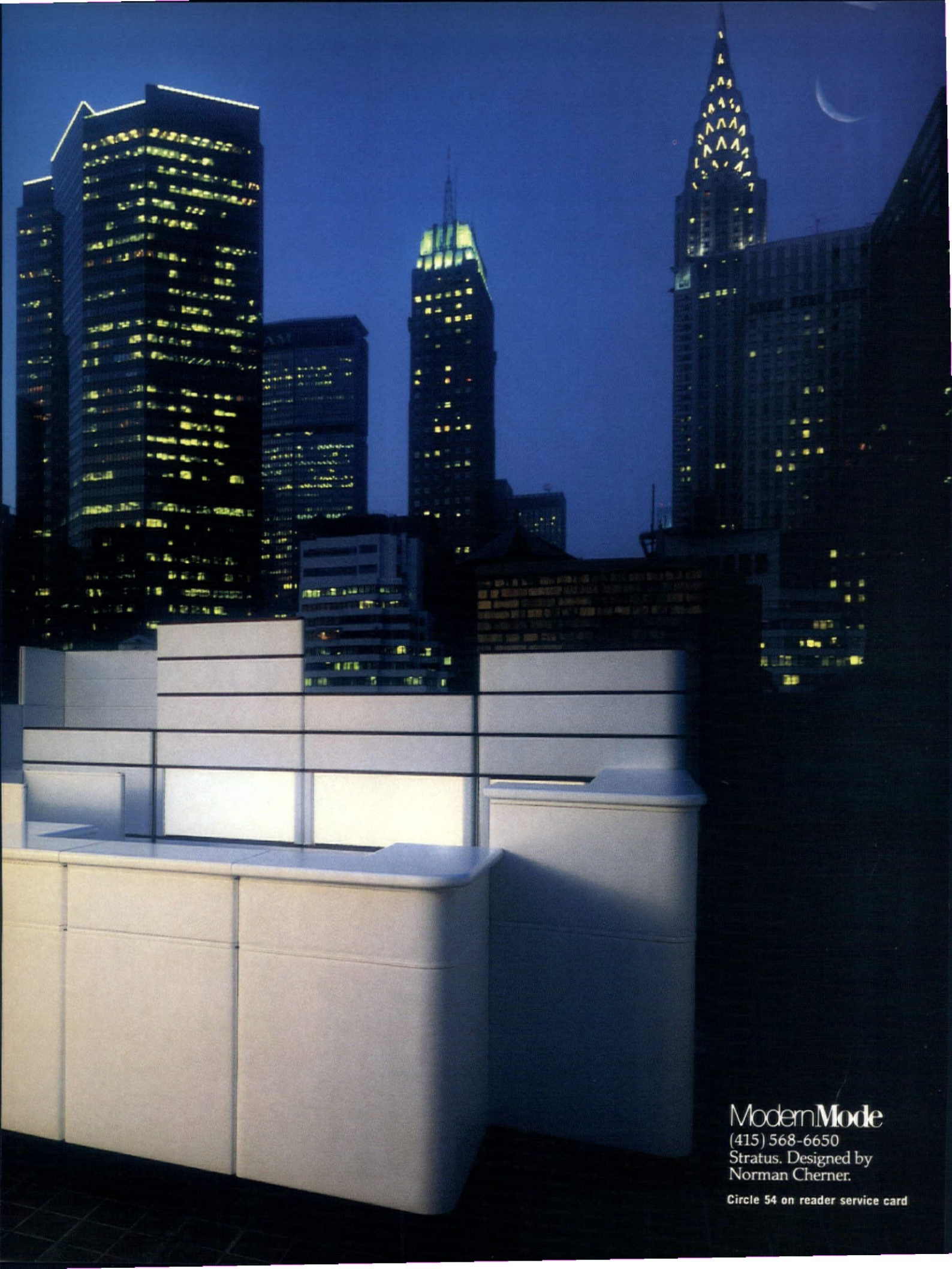
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For more information contact:
Workspace 87
665 Chestnut Street
San Francisco, CA 94133
415 776-2111

Design/April Greiman Inc.

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OFFICESCAPES BY MODERN MODE.


ModernMode
(415) 568-6650
Stratus. Designed by
Norman Cherner.
Circle 54 on reader service card


CREATE
A STORM OF
CONTROVERSY



ENTER NAUGAHYDE,® THE DESIGN MEDIUM™ 1987 CREATIVE VISIONS DESIGN CONTEST, SPONSORED IN COOPERATION WITH CONTRACT MAGAZINE.

This is your invitation to soar on the wings of your imagination – unfettered by technical or budgetary limitations – to use color in new and unique ways to create an innovative commercial design interior that either ignores tradition; or gives it a fresh new perspective! Your entry need not be an actual installation. Rather, it may be a concept sketch – perhaps one that has been hiding within your creative mind, trying to get out!
You may choose any contract design environment: hospitality, health care, office, institutional or any commercial interior. Our only requirement is that you use Naugahyde,® The Design Medium – with its rich, versatile palette of colors and textures – as an integral part of your interior design.

THE REWARD The winner and runners-up of this prestigious competition will be featured nationally in a full-color editorial in the January 1988 issue of CONTRACT magazine, and in other supporting publicity, and each will receive a plaque engraved to honor their achievement. Plus the recognition that goes with outstanding creativity! The grand prize winner will also receive an exquisite Baccarat commemorative crystal. (And the satisfaction of discovering the creative Competitive Edge of Naugahyde!)

THE JUDGES Entries will be judged by a distinguished panel:
• Mr. Norman Bleckner, Vice President, Sales & Design, Exhibit Group, New York. • Mr. Len Corlin, Co-Publisher/Editor, CONTRACT Magazine. • Mr. Charles S. Gelber, FIBD, The Charles S. Gelber Design Group. • Mr. Kerwin Kettler, Academic Dean, New York School of Interior Design. • Mr. Neville Lewis, ASID, IBD, President, Neville Lewis & Associates, a division of PHH Group, Inc. • Ms. Marie Logothetis, IBD, President, Institute of Business Designers, New York Chapter, and Principal, Marie Logothetis Design. • Ms. Fran Wilson, FASID, Principal, Associates In Design.
Entries will be judged by our distinguished panel on their originality, excitement, imagination and artistic merit.

ENTER Join now in this adventure in design. Send today for your application which gives complete details of this contest and its rules: Mr. Frederick Belyea, Naugahyde Creative Visions™ Design Contest, 126 East 38th Street, New York, NY 10016.
And help take commercial interiors to another design plateau!
DEADLINE FOR ENTRIES October 5, 1987

NAUGAHYDE®
BRAND FABRIC
CREATIVE VISIONS AWARD

©1987 Uniroyal Plastics Company, Inc.
®Naugahyde is a registered trademark of Uniroyal Plastics Company, Inc.

Circle 56 on reader service card

Coming in September CONTRACT...

Bank "Executive Buyer Edition"

September CONTRACT delivers Bonus Circulation to 5,000 presidents and board chairmen at banks and other financial institutions. Editorial features include...



Bank Design: Outstanding installations that reflect the ongoing changes in the financial services industry.

Bank Furniture/Furnishings Product Review: An in-depth look at the latest offerings including executive, traditional and reproduction furniture.

Designer's Saturday Preview: Official Designer's Saturday logo appears on the cover, along with inside coverage including a map and guide listing member showrooms for this prestige event, October 8-10, New York City. Plus extensive product introductions.

NOPA Show Preview: An early look at the show, October 20-24, Chicago.

CONEXION Preview: Detailed coverage of the event, November 4-6, Atlanta.

Ad Value for Suppliers: Call Gary Puro, co-publisher, at 212/869-1300 and ask him about the exclusive Designer's Saturday package and Bonus Distribution at Fall's most important events! **Ad space closes August 10.**



EXECUTIVE BUYER EDITION

CONTRACT

A Gralla Publication

1515 Broadway
New York, NY 10036
212-869-1300

1 9 8 7

You are invited to enter the Industry's most widely recognized competition for innovative design. The 1987 IBD Product Design Competition. Sponsored by the Institute of Business Designers and Contract Magazine.

IBD

For information write to the IBD National Office:
1155 Merchandise Mart
Chicago, Illinois 60654
(312) 467-1950

1987 IBD PRODUCT DESIGN COMPETITION

PURPOSE/ ENTRANTS

To recognize manufacturers and their product designers for their innovative and exceptional design in contract furnishings and related items.

All manufacturers of contract furnishings and related items introduced within the past year.

CATEGORIES

1. DESKS AND CREDENZAS

2. INSTITUTIONAL CASEGOODS—Library, Medical, Educational, Industrial, Hospitality and Financial applications

3. TABLES

4. FILING AND STORAGE SYSTEMS

5. FURNITURE SYSTEMS

6. COMPUTER SUPPORT FURNITURE—Specific equipment used in conjunction with computer, word processing and telecommunications systems

7. CEILING SYSTEMS

8. FURNITURE INTEGRATED TASK/AMBIENT LIGHTING

9. PORTABLE LAMPS

10. GENERAL LIGHTING—Ceiling, wall, recessed and public lighting fixtures

11. TASK SEATING—Individual seating designed for specific job functions

12. GUEST CHAIRS AND SPECIAL SEATING—Seating (non-task) for conference rooms, hospitals, restaurants and special uses, including multi-purpose, stacking, ganging, folding and geriatric

RULES FOR ENTRY

1. Only products designed for contract use that have been offered for sale after September 1, 1986 are eligible. IBD and Contract will rely on the personal integrity of each manufacturer to honor this rule. A designer or manufacturer may enter products in as many categories as he chooses; however, the same product may not be entered in more than one category.

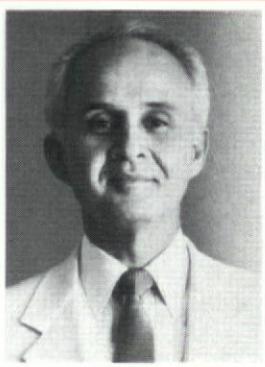
2. IBD and Contract Magazine are not responsible for lost or damaged items or kits submitted, either through fire, theft or any other cause, in transit or on location at our own or any other address where the designs and kits may be judged or exhibited.

3. IBD and Contract Magazine reserve the right to exhibit individually or collectively for the period of one year the award winning designs at their own or other addresses.

JUDGES



Karen Daroff



Orlando Diaz-Azcuy



Sandra Ragan

REQUEST FOR ENTRY KIT

KIT FEE IS NON-REFUNDABLE
To enter this competition, send a check for $100 (IBD members) or $150 (non-members) to IBD National Office, 1155 Merchandise Mart, Chicago, Illinois 60654 for each entry kit.

ENTRY DEADLINE: August 10, 1987.
The kit is designed to hold photographs, 35mm slides and forms for product description. No presentation boards are required. Submission of actual samples in certain categories is encouraged.

Forward to:
Institute of Business Designers
1155 Merchandise Mart
Chicago, Illinois 60654
312-467-1950

RECOGNITION

- Awards will be presented at the Plaza Hotel in New York City Oct. 9, 1987 in conjunction with Designer's Saturday.
- Contract Magazine will feature the winners of the Product Design Competition in their November issue. The Best of Competition winner will be featured in color on the front cover.
- A reprint of the Contract Magazine coverage will be distributed to all members of the Institute of Business Designers.
- The Institute will publicize the Competition winners and the products in the National Office during NEOCON activities.

13. LOUNGE FURNITURE—Sofas, chairs and modular seating units. May include a design series

14. UPHOLSTERY TEXTILES—Including vinyl or leather

15. TEXTILE COLLECTIONS—Coordinated fabric groupings designed as a collection

16. DRAPERY AND CASEMENT TEXTILES

17. HEALTH CARE TEXTILES—Draperies, casements, cubicle curtains and collections of coordinated fabrics designed for health care use

18. HOSPITALITY TEXTILES—Draperies, casements, upholstery and collections of coordinated fabrics designed for hospitality applications

19. BROADLOOM CARPETS

20. CARPET TILES

21. AREA AND SPECIALTY RUGS

22. HOSPITALITY CARPETS

23. HARD SURFACE FLOORING—Resilient, ceramic tile, wood, etc.

24. WALLCOVERINGS

25. DESK AND OFFICE ACCESSORIES

26. VISUAL COMMUNICATIONS AND SIGNAGE

27. SPECIAL FINISHES—Coatings and Surfacing Materials

28. INNOVATIVE PRODUCT SOLUTIONS—Items exhibiting unique application for contract use which do not fit in any of the above categories

4. Decisions by the judges are final. The judges reserve the right to determine the number of awards given and may choose not to award prizes in any given category.

5. Winning entries and kits become the property of the Institute of Business Designers and Contract Magazine.

6. Advertising and publicity on winning designs following the initial announcement of the award winners must be confined to and specifically refer to the winning design. No publicity is to be released by a manufacturer or designer of an award-winning product prior to October 9th 1987. Failure to comply with this rule will immediately disqualify the winner.

7. All advertising and publicity on winning designs must utilize the approved Product Competition image and include the year of the Competition.
Example: "1987 IBD Silver Award Winner."

8. Winners will be notified by mail.

9. The entry kit is designed to hold 35mm slides and 8" x 10" photos. Full color, large format transparencies must be available upon request.

10. Deadline for receipt of completed entry kits is 5:00 p.m. August 10, 1987 at IBD—1155 Merchandise Mart, Chicago, Illinois 60654.



Michael Wirtz

Karen Daroff
President
Daroff Design, Inc.
Philadelphia, PA

Orlando Diaz-Azcuy, IBD
Vice President/Design Principal
Gensler and Associates/Architects
Owner
Orlando Diaz-Azcuy Designs
San Francisco, CA

Sandra Ragan, FIBD
National President of IBD
Owner
Friday Design Group
Washington, D.C.

Michael Wirtz, FIBD
Michael Wirtz Designer, Inc.
Boca Raton, FL

Category

City, State, ZIP

Date product first introduced on market

Name of individual submitting entry

Manufacturer

Telephone

Address

THE ENTRY FEE MUST ACCOMPANY EACH KIT REQUEST

Institute of Business Designers
IBD
and Contract Magazine
Product Design Award



Columbia Lighting

Columbia Lighting (a subsidiary of USI Lighting, Inc.), has released a catalog of distinctive interior fluorescent luminaires. The 44-page four-color piece divides luminaires into four groupings which reflect their visual impact on interior space: linear forms, ceilings and modules, sculptures and compact fluorescent, and architectural specialties. **Circle No. 359.**



Wiremold

The Wiremold Catalog 28 gives complete information on the company's full line of electrical distribution products. The 208-page, full-color guide is divided by product category and details features and benefits in illustration and installation photographs.
Circle No. 362.

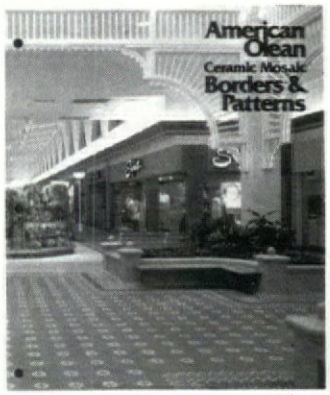
Graphic Introduction to Programming by Yehuda E. Kalay trains the student and guides the professional with no computer background to become proficient at computer graphic design. The guide is designed to be useful in the fields of engineering, architecture, and computer-aided design management. Published by John Wiley & Sons, the book costs $29.95.
Circle No. 369.



Capri

Capri Lighting has released a four-color, 66-page Architectural Lighting Catalog offering specifiers a look at the state-of-the-art. Featured, are 250 new product listings, which include fluorescent downlights, precision diecast low voltage recessed lights, low wattage metal halide, and high pressure sodium recessed lights.
Circle No. 366.

Intrex Furniture introduces a four-color brochure on the Intracase Casegoods System. The literature explains how the system allows designers to use interchangeable pedestals and envelopes to create space configurations needed to meet their requirements.
Circle No. 357.



American Olean

American Olean Tile presents a design guide to its ceramic mosaic patterns in this 32-page booklet. 150 patterns and borders in clearly drawn diagrams explore possibilities for 12- by 24-in. Master-Set Mounted Mosaic Sheets.
Circle No. 363.

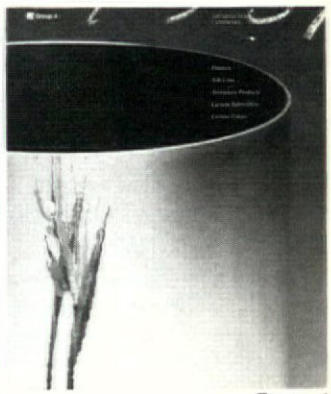


Hunter Douglas

"Hunter Douglas Window Treatments" is a twelve-page brochure providing detailed technical specification for all Hunter Douglas window covering products. Included are mini and micro blinds, Duette soft fabric shades, vertical blinds featuring Dixie Verticals vanes, and the new patented Slim-Stak Track.
Circle No. 368.

A new residential/contract brochure of sliding hardware from Accuride highlights new products, applications, and specifications.
Circle No. 367.

Computer Aided Design (CAD) Templates are explained in this Steelcase brochure. CAD Templates enable the designer to begin a schematic office plan without being locked into product specifics too early in the design process.
Circle No. 358.



Group 4

Group 4's literature describes its series of ash urns, litter receptacles, cylindrical, rectangular, and hanging planters. Also, the company's caster bases, custom colors, and designs are profiled.
Circle No. 360.



Krueger

Krueger, Inc. describes its DataBord computer furniture models, specifications, and options in this 18-page, four-color brochure. The described system is modular, fully expandable, and adaptable to meet changing work flow requirements.
Circle No. 364.



We can make your show a winner!

Build your audience, exhibition, profits, and image...

There really is no business quite like show business. It takes a special kind of organizational and marketing savvy to succeed in this increasingly competitive area. You may know that—if you sponsor an annual convention that's lost money in the last three years...or have a series of seminars you'd like to expand into a full-blown conference...or you're a trade/consumer show director, manager, or producer trying to handle too many events with a too-small staff. We know it. Our business is show business.

If you've been around trade show circles, you probably already know our name: Gralla Conferences. And you probably won't be surprised to hear that ours will be the next big name in trade show and convention management. A name that can make a difference in your bottom line.

We can help you: produce a new trade show or convention, upgrade your event, increase your booth sales, strengthen your seminar programs, improve your audience and exhibitor promotion, develop your industry image.

We can help you. We can manage your event, coventure a start-up, or maybe buy your interest.

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